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1. **EXTRACTS FROM CALENDAR, 1900–1901.**—Regulations, Courses of Study, and Courses of Examination in the several Faculties, Time Tables, and an Appendix, giving information about various public Competitive Examinations. *Price* 3*d.*

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QUEEN'S COLLEGE GALWAY.

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QUEEN'S COLLEGE, GALWAY.

FOUNDED A.D. MDCCCXLV.

101744

CALENDAR

FOR

1900–1901.

PUBLISHED BY AUTHORITY OF THE COUNCIL.

DUBLIN:

PRINTED AT THE UNIVERSITY PRESS,

BY PONSONBY AND WELDRICK.

1901.

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Calendar.

10TH MONTH.]	OCTOBER, 1900.	[XXXI DAYS.
1	Monday	
2	Tuesday	
3	Wednesday	
4	Thursday	
5	Friday	
6	Saturday	
7	Sunday	
8	Monday	
9	Tuesday	
10	Wednesday	
11	Thursday	
12	Friday	New Charter, 1863.
13	Saturday	
14	Sunday	
15	Monday	
16	Tuesday	College Session and First Term begin. Supplementary Examinations begin.
17	Wednesday	
18	Thursday	Examinations for Senior Scholarships, and Junior Scholarships of the Second and Third Years begin.
19	Friday	Matriculation Examination begins.
20	Saturday	
21	Sunday	
22	Monday	Examinations for Junior Scholarships of the First Year begin.
23	Tuesday	
24	Wednesday	
25	Thursday	
26	Friday	
27	Saturday	
28	Sunday	
29	Monday	
30	Tuesday	Examination for the "Dr. and Mrs. W. A. Browne" Scholarship begins. College opened, 1849.
31	Wednesday	Lectures in Arts, Medicine, and Engineering begin.

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11TH MONTH.]	NOVEMBER, 1900.	[XXX DAYS.
1	Thursday	ALL SAINTS. College Holiday.
2	Friday	
3	Saturday	
4	Sunday	
5	Monday	
6	Tuesday	
7	Wednesday	
8	Thursday	
9	Friday	Supplemental Matriculation Examination begins.
10	Saturday	
11	Sunday	
12	Monday	Practical Chemistry Classes begin.
13	Tuesday	
14	Wednesday	
15	Thursday	
16	Friday	
17	Saturday	
18	Sunday	
19	Monday	
20	Tuesday	
21	Wednesday	
22	Thursday	
23	Friday	
24	Saturday	
25	Sunday	
26	Monday	
27	Tuesday	
28	Wednesday	
29	Thursday	Law Lectures begin.
30	Friday	

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12TH MONTH.]	DECEMBER, 1900.	[XXXI DAYS.
1	Saturday	
2	Sunday	
3	Monday	Examination for Blayney Exhibition begins.
4	Tuesday	
5	Wednesday	
6	Thursday	
7	Friday	
8	Saturday	
9	Sunday	
10	Monday	
11	Tuesday	Letters Patent appointing Professors and constituting Statutes issued, 1849.
12	Wednesday	
13	Thursday	
14	Friday	
15	Saturday	
16	Sunday	
17	Monday	
18	Tuesday	
19	Wednesday	
20	Thursday	Lectures end. Examinations for Junior Law Scholarships begin.
21	Friday	
22	Saturday	First Term ends.
23	Sunday	
24	Monday	
25	Tuesday	CHRISTMAS DAY.
26	Wednesday	
27	Thursday	
28	Friday	
29	Saturday	
30	Sunday	Letters Patent incorporating the College issued, 1845.
31	Monday	

NOTE.—Lectures of the Second Term begin on the 8th January, 1901.

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1ST MONTH.]	JANUARY, 1901.	[XXXI DAYS.
1	Tuesday	
2	Wednesday	
3	Thursday	
4	Friday	
5	Saturday	
6	Sunday	EPIPHANY.
7	Monday	Second Term begins.
8	Tuesday	Lectures in Arts, Medicine, Engineering, and Demonstrations in Practical Physics, begin.
9	Wednesday	
10	Thursday	
11	Friday	
12	Saturday	
13	Sunday	
14	Monday	
15	Tuesday	
16	Wednesday	
17	Thursday	
18	Friday	
19	Saturday	
20	Sunday	
21	Monday	
22	Tuesday	
23	Wednesday	
24	Thursday	
25	Friday	
26	Saturday	
27	Sunday	
28	Monday	
29	Tuesday	
30	Wednesday	
31	Thursday	

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2ND MONTH.]		FEBRUARY, 1901. [XXVIII DAYS.
1	Friday	
2	Saturday	
3	Sunday	Queen's University of Ireland dissolved,
4	Monday	1882.
5	Tuesday	
6	Wednesday	
7	Thursday	
8	Friday	
9	Saturday	
10	Sunday	
11	Monday	
12	Tuesday	
13	Wednesday	
14	Thursday	
15	Friday	
16	Saturday	
17	Sunday	
18	Monday	
19	Tuesday	SHROVE TUESDAY. College Holiday.
20	Wednesday	ASH WEDNESDAY. College Holiday.
21	Thursday	Law Lectures begin.
22	Friday	
23	Saturday	
24	Sunday	
25	Monday	
26	Tuesday	
27	Wednesday	
28	Thursday	

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3RD MONTH.]	MARCH, 1901.	[XXXI DAYS.
1	Friday	
2	Saturday	
3	Sunday	
4	Monday	
5	Tuesday	
6	Wednesday	
7	Thursday	
8	Friday	
9	Saturday	
10	Sunday	
11	Monday	
12	Tuesday	
13	Wednesday	
14	Thursday	
15	Friday	
16	Saturday	
17	Sunday	ST. PATRICK'S DAY.
18	Monday	
19	Tuesday	
20	Wednesday	
21	Thursday	
22	Friday	
23	Saturday	
24	Sunday	
25	Monday	
26	Tuesday	
27	Wednesday	
28	Thursday	
29	Friday	Lectures end.
30	Saturday	Second Term ends.
31	Sunday	

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4TH MONTH.]	APRIL, 1901.	[XXX DAYS.
1	Monday	
2	Tuesday	
3	Wednesday	
4	Thursday	
5	Friday	GOOD FRIDAY.
6	Saturday	
7	Sunday	EASTER SUNDAY.
8	Monday	
9	Tuesday	
10	Wednesday	
11	Thursday	
12	Friday	
13	Saturday	
14	Sunday	
15	Monday	Third Term begins.
16	Tuesday	Lectures begin.
17	Wednesday	
18	Thursday	
19	Friday	
20	Saturday	
21	Sunday	
22	Monday	
23	Tuesday	
24	Wednesday	
25	Thursday	
26	Friday	
27	Saturday	Medical Session ends.
28	Sunday	Charter of Royal University of Ireland granted, 1880.
29	Monday	
30	Tuesday	

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5TH MONTH.]	MAY, 1901.	[XXXI DAYS.
1	Wednesday	
2	Thursday	
3	Friday	
4	Saturday	
5	Sunday	
6	Monday	
7	Tuesday	
8	Wednesday	
9	Thursday	
10	Friday	
11	Saturday	
12	Sunday	
13	Monday	
14	Tuesday	
15	Wednesday	
16	Thursday	ASCENSION DAY. College Holiday.
17	Friday	
18	Saturday	Lectures end.
19	Sunday	
20	Monday	
21	Tuesday	
22	Wednesday	
23	Thursday	
24	Friday	Queen Victoria *b.* 1819.
25	Saturday	
26	Sunday	
27	Monday	Sessional Examinations begin.
28	Tuesday	
29	Wednesday	
30	Thursday	
31	Friday	

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6TH MONTH.]	JUNE, 1901.	[XXX DAYS.
1	Saturday	
2	**Sunday**	
3	Monday	
4	Tuesday	
5	Wednesday	
6	Thursday	CORPUS CHRISTI. College Holiday.
7	Friday	
8	Saturday	Third Term ends. End of Session.
9	**Sunday**	
10	Monday	
11	Tuesday	
12	Wednesday	
13	Thursday	
14	Friday	
15	Saturday	
16	**Sunday**	
17	Monday	
18	Tuesday	
19	Wednesday	
20	Thursday	
21	Friday	
22	Saturday	
23	**Sunday**	
24	Monday	
25	Tuesday	
26	Wednesday	
27	Thursday	
28	Friday	
29	Saturday	
30	**Sunday**	

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7TH MONTH.]	JULY, 1901.	[XXXI DAYS.
1	Monday	
2	Tuesday	
3	Wednesday	
4	Thursday	
5	Friday	
6	Saturday	
7	Sunday	
8	Monday	
9	Tuesday	
10	Wednesday	
11	Thursday	
12	Friday	
13	Saturday	
14	Sunday	
15	Monday	
16	Tuesday	
17	Wednesday	
18	Thursday	
19	Friday	
20	Saturday	
21	Sunday	
22	Monday	
23	Tuesday	
24	Wednesday	
25	Thursday	
26	Friday	
27	Saturday	
28	Sunday	
29	Monday	Colleges Act, 1845.
30	Tuesday	
31	Wednesday	

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8TH MONTH.]	AUGUST, 1901.	[XXXI DAYS.
1	Thursday	
2	Friday	
3	Saturday	
4	Sunday	
5	Monday	
6	Tuesday	
7	Wednesday	
8	Thursday	
9	Friday	
10	Saturday	
11	Sunday	
12	Monday	
13	Tuesday	
14	Wednesday	
15	Thursday	
16	Friday	
17	Saturday	
18	Sunday	
19	Monday	
20	Tuesday	
21	Wednesday	
22	Thursday	
23	Friday	
24	Saturday	
25	Sunday	
26	Monday	
27	Tuesday	
28	Wednesday	
29	Thursday	
30	Friday	
31	Saturday	

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9TH MONTH.]	SEPTEMBER, 1901.	[XXX DAYS.
1	Sunday	
2	Monday	
3	Tuesday	
4	Wednesday	
5	Thursday	
6	Friday	
7	Saturday	
8	Sunday	
9	Monday	
10	Tuesday	
11	Wednesday	
12	Thursday	
13	Friday	
14	Saturday	
15	Sunday	
16	Monday	
17	Tuesday	
18	Wednesday	
19	Thursday	
20	Friday	
21	Saturday	
22	Sunday	
23	Monday	
24	Tuesday	
25	Wednesday	
26	Thursday	
27	Friday	
28	Saturday	
29	Sunday	
30	Monday	

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10TH MONTH.]	OCTOBER, 1901.	[XXXI DAYS.
1	Tuesday	
2	Wednesday	
3	Thursday	
4	Friday	
5	Saturday	
6	Sunday	
7	Monday	
8	Tuesday	
9	Wednesday	
10	Thursday	
11	Friday	
12	Saturday	New Charter, 1863.
13	Sunday	
14	Monday	
15	Tuesday	College Session and First Term begin. Supplementary Examinations begin.
16	Wednesday	
17	Thursday	Examinations for Senior Scholarships, and Junior Scholarships of the Second and Third Years, begin.
18	Friday	Matriculation Examination begins.
19	Saturday	
20	Sunday	
21	Monday	Examinations for Junior Scholarships of the First Year begin.
22	Tuesday	
23	Wednesday	
24	Thursday	
25	Friday	
26	Saturday	
27	Sunday	
28	Monday	
29	Tuesday	Examination for the "Dr. and Mrs. W. A. Browne" Scholarship begins.
30	Wednesday	Lectures in Arts, Medicine, and Engineering begin. College opened, 1849.
31	Thursday	

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11TH MONTH.]	NOVEMBER, 1901.	[XXX DAYS.
1	Friday	ALL SAINTS. College Holiday.
2	Saturday	
3	Sunday	
4	Monday	
5	Tuesday	
6	Wednesday	
7	Thursday	
8	Friday	Supplemental Matriculation Examination begins.
9	Saturday	
10	Sunday	
11	Monday	Practical Chemistry Classes begin.
12	Tuesday	
13	Wednesday	
14	Thursday	
15	Friday	
16	Saturday	
17	Sunday	
18	Monday	
19	Tuesday	
20	Wednesday	
21	Thursday	
22	Friday	
23	Saturday	
24	Sunday	
25	Monday	
26	Tuesday	
27	Wednesday	
28	Thursday	Law Lectures begin.
29	Friday	
30	Saturday	

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12TH MONTH.]	DECEMBER, 1901.	[XXXI DAYS.
1	Sunday	
2	Monday	Examination for Blayney Exhibition begins.
3	Tuesday	
4	Wednesday	
5	Thursday	
6	Friday	
7	Saturday	
8	Sunday	
9	Monday	
10	Tuesday	
11	Wednesday	Letters Patent appointing Professors and constituting Statutes issued, 1849.
12	Thursday	
13	Friday	
14	Saturday	
15	Sunday	
16	Monday	
17	Tuesday	
18	Wednesday	
19	Thursday	Lectures end. Examinations for Junior Law Scholarships begin.
20	Friday	
21	Saturday	First Term ends.
22	Sunday	
23	Monday	
24	Tuesday	
25	Wednesday	CHRISTMAS DAY.
26	Thursday	
27	Friday	
28	Saturday	
29	Sunday	
30	Monday	Letters Patent Incorporating the College issued, 1845.
31	Tuesday	

NOTE.—Lectures of the Second Term begin on the 7th January, 1902.

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QUEEN'S COLLEGE, GALWAY.

FOUNDED A D. MDCCCXLV.

FOUNDATION AND CONSTITUTION.

THE Colleges of the Queen's University were founded under the provisions of the Act 8 and 9 Victoria, cap. 66, intituled "An Act to enable Her Majesty to endow new Colleges for the Advancement of Learning in Ireland." Under the powers given by this Act, it was determined to found three Colleges. Belfast, Cork, and Galway were selected as their sites; and on the 30th of December, 1845, Letters Patent were issued incorporating them under the name and style of "THE PRESIDENT, VICE-PRESIDENT, AND PROFESSORS OF QUEEN'S COLLEGE, [BELFAST, CORK,] GALWAY.

The Colleges were opened for Students on the 30th October, 1849. The Presidents and Vice-Presidents of the Three Colleges constituted a Board of Government till the foundation of the Queen's University in 1850. By the University Education (Ireland) Act of 1879 provision was made for the foundation of the Royal University and the dissolution of the Queen's University, within two years from the date of the Charter of the Royal University. All Graduates and Matriculated Students of the Queen's University at the time of dissolution became Graduates and Students of the Royal University, and all existing Professors of the Queen's Colleges continued to be University Professors. The Charter of the Royal University was granted on the 27th of April, 1880, and the Queen's University was dissolved on the 3rd of February, 1882.

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COLLEGE BUILDINGS.

THE College, erected in 1848, is situated on the west side of the River Corrib, which divides its grounds from the town of Galway. It is built of cut limestone from the neighbourhood, in the form of a quadrangle. The style is Gothic of the 14th century. Over the principal entrance facing the town is a clock tower, 108 feet high. The private residences of the President and Registrar with the Examination Hall occupy the west side. The Library, over 130 feet in length, extends along the first floor of the north side. It contains upwards of 35,000 volumes in the various departments, to which constant additions are made of the most recent standard works. Beneath it are the Drawing school and Lecture rooms of the Engineering department, the Pharmacy Laboratory, the Mathematics and Modern Languages Lecture rooms. Corresponding to it on the south side is the Museum of Natural History, under which are the Laboratory, Museum, and Lecture rooms of Natural Philosophy. The Laboratories of Chemistry and of Practical Physiology with the Museums of Geology and Mineralogy and of Gynæcology, which are described under the departments to which they belong, and various Lecture rooms occupy the rest of the main buildings. The Anatomical School is situated in the north-west corner of the grounds. The Botanical Gardens, the cricket and football fields, the tennis and racquet courts are in the grounds surrounding the principal Building, as are also the Meteorological instruments, which are in charge of one of he College officers. The majority of the students reside during term in Salthill, which lies on Galway Bay, about a mile distant from the College.

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SCHOLARS.

SESSION 1849-50.

Faculty of Arts.

JUNIOR SCHOLARSHIPS.

FIRST YEAR.

Literary Division.	*Science Division.*
Richardson, John H.	Duggan, Charles W.
Norton, Bernard G.	Ford, Patrick F.
M'Mahon, George Y.	Ryan, Dominick D.
M'Dermott, Dominick.	M'Grath, John.
Fynn, Peter J.	Powell, John.
Murphy, Thadeus.	Scott, Patrick.
Power, Richard.	Howze, John.
M'Mullen, James A.	O'Feely, Timothy O'B.
Kyle, Christopher.	Eames, Richard F.
O'Maher, William.	Blake, Joseph V.
Fitzgerald, Nicholas.	Evans, John.
Johnston, William.	Johnston, John.
Eaton, Richard.	Ferguson, Robert.
Hughes, Patrick J.	Tully, Joseph.
Kelly, Patrick.	Skerrett, Peter.
Gibson, John.	Duggan, Joseph.
O'Kelly, Edmond.	Walkinshaw, Robert.
Irwin, George.	King, William.
Pall, Joshua.	St. George, Henry.
Hearne, John Henry.	M'Mahon, Thomas A.
Dopping, James H.	
Hurly, Joseph.	
Scott, William A.	

School of Engineering.

FIRST YEAR.

Drysdale, Charles. | Gardiner, Martin.

School of Agriculture.

FIRST YEAR.

Skilling, Thomas. | O'Hara, Thomas.

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SESSION 1850-51.

Faculty of Arts.

SECOND YEAR.

Literary Division.	*Science Division.*
Richardson, John H.	Scott, Patrick.
M'Dermott, Dominick.	Powell, John.
Kyle, Christopher.	Ryan, Dominick D.
M'Mahon, George.	Duggan, Charles W.
Murphy, Thadeus.	Howze, John.
Johnston, William.	Duggan, Joseph.
Irwin, George.	Johnston, John.
Hughes, Patrick J.	Evans, John.
	O'Feely, Timothy O'B.
	King, William.
	Walkinshaw, Robert.
	Fynn, Peter J.

FIRST YEAR.

Literary Division.	*Science Division.*
M'Gowan, Robert.	Warrell, James.
Smith, J Anderson.	Stephens, Robert.
M'Grath, Thomas.	Moorhead, John.
Montgomery, James. } *equal.*	Jackson, Burton.
Mitchell, Robert J. }	Comyns, William.
Berwick, John.	Hurly, Joseph.
Browne, William A.	Roach, Edward.
Kilkelly, Garrett H.	Slater, James.
Perrin, Patrick.	Gardiner, Martin.
Lalor, James.	O'Doherty, John.
	Gilmore, Charles.

Faculty of Law.

SECOND YEAR.

Ryan, Dominick D.

FIRST YEAR.

Keane, C. Marcest.

Faculty of Medicine.

SECOND YEAR.

Eaton, Richard. | O'Leary, John.

FIRST YEAR.

Skerrett, Peter. | Kelly, Patrick J.

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School of Engineering.

SECOND YEAR.

Drysdale, Charles.

FIRST YEAR.

Eames, Richard F.

School of Agriculture.

SECOND YEAR.

Skilling, Thomas. | O'Hara, Thomas.

FIRST YEAR.

O'Hara, Charles. | Comyns, Patrick J.

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SESSION 1851-52.

Faculty of Arts.

JUNIOR SCHOLARSHIPS.

Third Year.

Literary Division.	*Science Division.*
Richardson, John H.	Duggan, Charles.
Johnston, William.	Scott, Patrick.
Murphy, Thadeus.	Evans, John.
	Howze, John.
	Walkinshaw, Robert.
	King, William.
	Duggan, Joseph.

Second Year.

Literary Division.	*Science Division.*
Mitchell, Robert J.	Ford, Patrick F.
Browne, William A.	Breen, Michael.
Berwick, John.	Maguire, Edward.
Smith, J. Anderson.	Roach, Edward.
Hughes, Patrick J.	
Mahony, John.	
Fynn, Peter J.	
Kilkelly, Garrett.	

First Year.

Literary Division.		*Science Division.*	
Moffett, James.		M'Shane, John.	
Fleming, William.		Kearney, Daniel. }	*equal.*
Dunlop, Charles.		Johnson, J. Wesley. }	
Hurley, Francis B.		Colahan, John. }	*equal.*
Jackson, Burton. }	*equal.*	Atkinson, Samuel. }	
Hooper, Charles J. }			
Arthur, John.			
Ireland, Arthur J.			

Faculty of Law.

Third Year.

Ryan, Dominick D

Second Year.

Keane, C. Marcest.

First Year.

Stephens, Robert.

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Faculty of Medicine.

THIRD YEAR.

Eaton, Richard. | O'Leary, John.

SECOND YEAR.

Kelly, Patrick J. | Skerrett, Peter.

FIRST YEAR.

Joynt, Christopher. | Moorhead, John.

School of Engineering.

SECOND YEAR.

Powell, John.

FIRST YEAR.

O'Doherty, John.

School of Agriculture.

SECOND YEAR.

O'Hara, Charles.

FIRST YEAR.

Short, William. | M'Grath, John.

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SESSION 1852-53.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ... Richardson, John, B.A.
Metaphysical and Economic Science, .. Johnston, William, B.A.
Natural History, ... Duggan, Charles, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Hughes, Patrick J.	M'Dermott, Dominick.
Mitchell, Robert J.	Smith, John A.
Browne, William A.	Powell, John.
Berwick, John.	Ford, Patrick F.
Mahony, John.	Roach, Edward.

SECOND YEAR.

Literary Division.	*Science Division.*
Jackson, Burton.	Maguire, Edward.
Hooper, Charles J.	Kearney, Daniel.
Hurley, Francis B.	Atkinson, Samuel.
Johnson, John W.	Colahan, John.
Clarke, William.	

FIRST YEAR.

Literary Division.		*Science Division.*
* West, Raymond.		* West, Raymond.
Treanor, W. Stanley.		Breen, Daniel.
Charters, William.	*equal.*	Gilmore, Stewart.
Arnold, Pierce.	*equal.*	Stephens, Samuel.
Davys, Frank.		Dillon, Gerald.

Faculty of Law.

SENIOR SCHOLARSHIPS.

Ryan, Dominick D., B.A.

THIRD YEAR.

Keane, C. Marcset.

SECOND YEAR.

O'Feely, Timothy O'B.

FIRST YEAR.

Walkinshaw, Robert.

* Having obtained *First* place in both divisions, retains both Scholarships.

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Faculty of Medicine.

SENIOR SCHOLARSHIP.

Therapeutics and Pathology, ... O'Leary, John.

THIRD YEAR.

Blake, James V. | Kelly, Patrick.

SECOND YEAR.

Moorehead, John. | Joynt, Christopher.

FIRST YEAR.

*West, Raymond. | Ireland, Arthur J.
Crinnian, P. |

School of Engineering.

SECOND YEAR.

Breen, John.

FIRST YEAR.

Howze, John.

School of Agriculture.

SECOND YEAR.

M'Grath, John. | Hardiman, James.

FIRST YEAR

M'Donagh, William. | M'Mahon, Thomas.

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* Resigned.

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SESSION 1853-54.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Dowling, Jeremiah J., B.A.
Modern Languages and Modern History,	Hughes, Patrick J., B.A.
Metaphysical and Economic Science, ..	Browne, William A., B.A.
Natural History, ...	M'Dermott, Dominick, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.		*Science Division.*
† Charters, William.		Maguire, Edward.
Clarke, William.	*equal.*	Hurley, Francis B.
Hooper, Charles J.	*equal.*	Colahan, John.
Johnston, John W.		Kearney, Daniel.
Jackson, Burton.		Atkinson, Samuel.

SECOND YEAR.

Literary Division.	*Science Division.*
*West, Raymond.	*West, Raymond.
Treanor, W. Stanley.	Tierney, Daniel.
Fleming, William.	Dillon, Gerald.
Arnold, Pierce.	Stephens, Samuel.
Davys, Frank.	Short, William.

FIRST YEAR.

Literary Division.		*Science Division.*
Thomson, Alfred B.		Adair, James J.
Coffie, Edward.	*equal.*	Dowman, William.
Henry, John W. R.	*equal.*	Gormley, John.
Stirke, Julius W.		Watts, Walter A.
Conolly, James.		Breen, John.

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* Having obtained *First* place in both divisions, retains both Scholarships.

† According to Minute of Council.

Digitized by Google

Faculty of Law.

SENIOR SCHOLARSHIP.

Keane, C. Marcett, B.A.

THIRD YEAR.

Stephens, Robert.

SECOND YEAR.

Mason, William.

FIRST YEAR.

Perrin, Patrick.

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ... Blake, Joseph V.
Therapeutics and Pathology, ... Kelly, Patrick J.

THIRD YEAR.

Moorhead, John. | Joynt, Christopher.

SECOND YEAR.

Ireland, Arthur J. | Purcell, Patrick J.

FIRST YEAR.

Mahony, John.

School of Engineering.

SECOND YEAR.

M'Donagh, William.

FIRST YEAR.

Meharg, William.

School of Agriculture.

SECOND YEAR.

M'Donagh, William.

FIRST YEAR.

Carrick, Daniel. | O'Leary, Arthur.

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SESSION 1854-55.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Mahony, John, B.A.
Mathematics, ...	Ford, Patrick F., B.A.
Natural Philosophy, ...	Maguire, Edward, B.A.
Metaphysical and Economic Science, ..	Kearney, Daniel, B.A.
Chemistry, ...	M'Dermott, Domk., B.A.
Natural History, ...	Parker, James D., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
*West, Raymond.	*West, Raymond.
Arnold, Pierce.	Tierney, Daniel.
Treanor, W. Stanley.	
Davys, Frank.	

SECOND YEAR.

Literary Division.	*Science Division.*
Henry, John W. R.	Gormley, John.
Conolly, James.	Watts, Walter A.
	Dowman, William.
	O'Hara, Thomas.

FIRST YEAR.

Literary Division.	*Science Division.*
Lane, George.	Moore, John H.
Hooper, Robert.	Bateman, Richard C.
Monroe, John.	Bruen, Patrick.
Reddan, John.	Ross, Cornelius P.
Stewart, Robert F.	Thane, Charles H.

Faculty of Law.

THIRD YEAR.

Mason, William.

SECOND YEAR.

Perrin, Patrick.

FIRST YEAR.

Hooper, Charles J.

---

* Having obtained *First* place in both divisions, retains both Scholarships.

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Faculty of Medicine.

SENIOR SCHOLARSHIP.

Therapeutics and Pathology, ... Duggan, Joseph.

SECOND YEAR.

Colahan, John. | Crean, Martin J.

FIRST YEAR.

Hurley, Francis B. | O'Brien, James.

School of Engineering.

SECOND YEAR.

O'Kinealy, Michael.

FIRST YEAR.

O'Kinealy, James.

School of Agriculture.

SECOND YEAR.

Carrick, Daniel. | Keane, John E.

FIRST YEAR.

Gouldsberry, V. Skipton. | Wall, Walter S

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SESSION 1855-56.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	West, Raymond, B.A.
Modern Languages and Modern History, ..	Mahony, John, B.A.
Natural Philosophy, ...	Ford, Patrick F., B.A.
Metaphysical and Economic Science, ..	Hooper, Charles J., B.A.
Chemistry, ...	Maguire, Edward, B.A.
Natural History, ...	Moorhead, John, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Conolly, James.	Watts, Walter A.
Henry, John W. R.	Gormley, John.
	O'Hara, Thomas.
	Breen, John.

SECOND YEAR.

Literary Division.	*Science Division.*
Monroe, John.	Thane, Charles H.
Treanor, Arthur.	Adair, James J.
Bateman, Richard C.	Burke, Martin J.
West, John D.	Moore, John H.
Stewart, Robert F.	

FIRST YEAR.

Literary Division.	*Science Division.*
Hunter, John.	Thynne, Henry.
Stewart, Washington S.	O'Kinealy, James.
Evatt, Humphrey.	Quinn, Martin.
Hart, James C.	O'Neill, George F.
	Grealy, John.

Faculty of Law.

THIRD YEAR.

O'Feely, Timothy O'B.

FIRST YEAR.

Arnold, Pierce.

Digitized by Google

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Therapeutics and Pathology, ... Morris, Michael O'K., B.A.

THIRD YEAR.

Colahan, John. | Crean, Martin J.

SECOND YEAR.

Hurley, Francis B. | O'Flaherty, Thomas A.

FIRST YEAR.

Sigerson, George. | M'Bride, John B.

School of Engineering.

SECOND YEAR.

Quinn, Michael.

FIRST YEAR.

Weir, John.

School of Agriculture.

SECOND YEAR.

Gouldsberry, V. Skipton. | O'Donohoe, Patrick.

FIRST YEAR.

Bradshaw, George B. | Killery, Henry.

Digitized by Google

SESSION 1856-57.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, &c., ...	Arnold, Pierce, B.A.
Mathematics, ...	Maguire, Edward, B.A.
Metaphysical and Economic Science, ..	O'Feely, Timothy O'B., B.A.
Chemistry, ...	Watts, Walter A., B.A.
Natural History, ...	Mahony, John, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Monroe, John.	Adair, James J.
Bateman, Richard C.	Moore, John H.
Stewart, Robert F.	Greene, Joseph R.
West, John D.	Burke, Martin J.

SECOND YEAR.

Literary Division.	*Science Division.*
O'Neill, George F.	Thynne, Henry. } *equal.*
Hunter, John H.	O'Kinealy, James. }
Hart, James C.	Grealy, John.
	Quinn, Martin.

FIRST YEAR.

Literary Division.	*Science Division.*
Lawson, Charles H. (*Also a prize of* £10.)	Reed, Andrew A.
M'Mahon, William.	Weir, John.
*Martin, William T. } *equal.*	Martin, William T.
Martin, William. }	May, William G.
O'Brien, Julius.	*Lawson, Charles H.
Lynam, James.	O'Hara, Charles.

Faculty of Law.

SENIOR SCHOLARSHIP.

Parker, James D., B.A.

THIRD YEAR.

Perrin, Patrick.

FIRST YEAR.

*Lawson, Charles H. | O'Hara, Thomas.

* Ineligible, having obtained Scholarship in other division.

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Faculty of Medicine.

SENIOR SCHOLARSHIPS.

Anatomy and Physiology, ... Reid, Robert, B.A
Therapeutics and Pathology, ... Colahan, John.

THIRD YEAR.

O'Flaherty, Thomas A. | Killery, St. John.

SECOND YEAR.

Burke, John P. | Bournes, William H.

FIRST YEAR.

Literary Division. | *Science Division.*
Lane, George. | Gormley, John.

School of Engineering.

SECOND YEAR.

Blake, Martin P.

FIRST YEAR.

Cullen, Alexander.

School of Agriculture.

SECOND YEAR.

Bradshaw, George B. | King, Nicholson.

FIRST YEAR.

Bligh, John. | Clarke, Denis.

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SESSION 1857–58.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, &c., ...	Monroe, John, B.A.
Modern Languages and Modern History,	Arnold, Pierce, B.A.
Mathematics, ...	Tierney, Daniel, B.A.
Natural Philosophy, ...	Bateman, Richard C., B.A.
Metaphysical and Economic Science, ..	M'Mahon, George Y., B.A.
Chemistry, ...	Hurley, Francis B., B.A.
Natural History, ...	Maguire, Edward, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
O'Neill, George F.	O'Kinealy, James.
Hart, James C.	Thynne, Henry.
	Quinn, Martin.

SECOND YEAR.

Literary Division.	*Science Division.*
Stewart, Washington S.	Reed, Andrew A.
Martin, William T.	May, William G.
Lynch, Martin.	Griffith, William.
Lynam, James.	Weir, John.
Conolly, Patrick W.	

FIRST YEAR.

Literary Division.	*Science Division.*
Nicoll, Robert.	Cunningham, William.
M'Auliffe, Michael.	Murray, John.
Hopkins, Jacob B.	Davison, William.
Potter, Robert.	Burdge, William E.
Smith, Robert J.	O'Farrell, William.

Faculty of Law.

SENIOR SCHOLARSHIP.

O'Feely, Timothy O'B., B.A.

SECOND YEAR.
Madill, Thomas.

FIRST YEAR.
West, John D.

Digitized by Google

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Therapeutics and Pathology .. .. O'Flaherty, Thomas A.

THIRD YEAR.

Burke, John P. | Burke, Martin J.

SECOND YEAR.

Hooper, Robert. | Divers, Edward.

FIRST YEAR.

Literary Division. | *Science Division.*
M'Mahon, William. | Moore, John H.

School of Engineering.

SECOND YEAR.

Connolly, Michael.

FIRST YEAR.

Mac Farlane, Alexander.

School of Agriculture.

SECOND YEAR.

Bligh, John. | Clarke, Denis.

FIRST YEAR.

Rorke, Patrick. | Burke, John R.

Digitized by Google

SESSION 1858-59.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, &c., ...	Mitchell, Robert J., B.A.
Modern Languages and Modern History,	O'Neill, George F., B.A.
Mathematics, ...	O'Kinealy, James, B.A.
Natural Philosophy, ...	Moore, John H., B.A.
Metaphysical and Economic Science, ..	Monroe, John, B.A.
Chemistry, ...	Breen, Michael, B.A.
Natural History, ...	Bateman, Richard C., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Norton, Bernard G.	Reed, Andrew A.
Conolly, Patrick W.	May, William G.
Martin, William T.	Griffith, William.
	Evatt, Humphrey.
	Grealy, John.

SECOND YEAR.

Literary Division.	*Science Division.*
M'Auliffe, Michael.	Davison, Thomas.
O'Brien, Julius.	Ireland, Edward.
Smith, Robert J.	O'Farrell, William.
	O'Hara, Charles.

FIRST YEAR.

Literary Division.	*Science Division.*
* Wilson, Thomas N.	* Wilson, Thomas N.
Greer, James R.	† Blood, Bindon.
Blood, Bindon.	Dowman, Charles.
Greer, John H.	Atkinson, John.
Madill, Thomas.	† Greer, James R.
	M'Dermott, Brian. } *equal.*
	O'Farrell, Thomas. }

* Having obtained *First* place in both divisions, retains both Scholarships.

† Ineligible, having obtained Scholarship in other division.

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Faculty of Law.

SENIOR SCHOLARSHIP.

Hooper, Charles J., B.A.

SECOND YEAR.

West, John D.

FIRST YEAR.

M'Kane, John. | Monroe, John.

Faculty of Medicine.

SENIOR SCHOLARSHIPS.

Anatomy and Physiology, ... Maguire, Edward, B.A.
Therapeutics and Pathology, ... Burke, Martin J., B.A.

THIRD YEAR.

Climo, William H. | Hooper, Robert.

SECOND YEAR.

M'Mahon, William. | Davis, John N.

FIRST YEAR.

Literary Division.	*Science Division.*
M'Kane, John.	White, Thomas R.
M'Cracken, Thomas.	

School of Engineering.

SECOND YEAR.

Thynne, Henry.

FIRST YEAR.

Galwey, Charles.

School of Agriculture.

SECOND YEAR.

Bright, William A.

FIRST YEAR.

Mullins, John. | Rentoul, James.

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SESSION 1859-60.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, &c., ...	M'Mahon, George Y., B.A.
Modern Languages and Modern History,	Mitchell, Robert J., B.A.
Natural Philosophy, ...	Thynne, Henry, B.A.
Metaphysical and Economic Science,	O'Neill, George F., B.A.
Chemistry, ...	O'Kinealy, James, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
M'Auliffe, Michael.	O'Hara, Charles.
	Davison, Thomas.
	Ireland, Edward.

SECOND YEAR.

Literary Division.	*Science Division.*
* Wilson, Thomas N.	* Wilson, Thomas N.
Cunningham, William.	Atkinson, John. } *equal.*
Crotty, Richard D.	Dowman, Charles. }
Madill, Thomas.	M'Dermott, Brian.
Smith, Washington.	Reid, William J.

FIRST YEAR.

Literary Division.	*Science Division.*
Hurley, Patrick. } *equal.*	Burke, Michael J.
O'Connor, John. }	King, Ælian A.
Saunderson, James E.	Stokes, George.
Mills, Samuel.	Falkiner, Richard D. } *equal.*
Madden, Henry M.	M'Enery, Edward. }

Faculty of Law.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Monroe, John, B.A.

FIRST YEAR.

Louden, John J.

---

* Having obtained *First* place in both divisions, retains both Scholarships.

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Faculty of Medicine.

SENIOR SCHOLARSHIPS.

Anatomy and Physiology, ... Climo, William H.
Therapeutics and Pathology, ... Divers, Edward.

THIRD YEAR.

Davis, John N. | Evans, Charles.

SECOND YEAR.

White, Thomas R. | Potter, Robert.

FIRST YEAR.

Literary Division. | *Science Division.*
Connolly, Patrick. | Howse, John.

School of Engineering.

SECOND YEAR.

Waller, Edmund W.

FIRST YEAR.

Grealy, John.

School of Agriculture.

SECOND YEAR.

Killery, Henry. | Mullins, John.

FIRST YEAR.

Greaven, Dominick. | Burke, Edward.

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SESSION 1860-61.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, &c., ...	M'Auliffe, Michael, B.A.
Modern Languages and Modern History,	Conolly, James, B.A.
Mathematics, ...	Thynne, Henry, B.A.
Natural Philosophy, ...	O'Kinealy, James, B.A.
Metaphysical and Economic Science, ..	O'Hara, Thomas, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Cunningham, William.	Atkinson, John.
Wilson, Thomas N.	O'Farrell, Thomas.
Crotty, Richard D.	Reid, William J.
Madill, Thomas.	Johnson, John.
Smith, Washington.	

SECOND YEAR.

Literary Division.	*Science Division.*
Greene, Joseph J.	King, Ælian A.
Leary, Joseph W.	* Leary, Joseph W.
Hurley, Patrick.	Burke, Michael J.
Mills, Samuel.	
Saunderson, James E.	
M'Kenzie, John.	

FIRST YEAR.

Literary Division.	*Science Division.*
Sharkey, Edmund de la Garde	Saunderson, William H.
Feeny, Dominick.	Young, Robert.
† Mac Donnell, Anthony P.	Griffin, John.
Crooks, William.	Callaghan, Patrick
Padin, Thomas.	Daly, William.

Faculty of Law.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Monroe, John.

SECOND YEAR.

Louden, John J.

FIRST YEAR.

Costigan, Thomas J.

---

* Ineligible, having obtained Scholarship in other division.

† Mr. Mac Donnell was awarded an Exhibition in the Medical Faculty in lieu of this Scholarship.

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Faculty of Medicine.

SENIOR SCHOLARSHIPS.

Anatomy and Physiology, ... Davis, John N.
Therapeutics and Pathology, ... Gouldsberry, V. Skipton.

THIRD YEAR.

Comerford, Michael. | Potter, Robert.

SECOND YEAR.

King, Charles E. | Hughes, John H.

FIRST YEAR.

Literary Division.	*Science Division.*
Hanrahan, James J.	Bligh, John.

School of Engineering.

SECOND YEAR.

Falkiner, Richard D.

FIRST YEAR.

Stoney, Edward W.

School of Agriculture.

FIRST YEAR.

O'Flynn, John T. | Kearney, Ambrose.

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SESSION 1861-62.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Wilson, Thomas N., B.A.
Modern Languages and Modern History,	Conolly, Patrick. } *equal.* M'Auliffe, Michael. }
Mathematics, ...	Atkinson, John, B.A.
Natural Philosophy, ...	O'Hara, Charles, B.A.
Metaphysical and Economic Science,	Cunningham, William, B.A.
Chemistry, ...	Reid, William J., B.A.
Natural History, ...	O'Farrell, Thomas, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Leary, Joseph W.	Leary, Joseph W.
Greene, Joseph J.	King, Ælian A.
Hurley, Patrick.	
Mills, Samuel.	
Saunderson, James.	

SECOND YEAR.

Literary Division.	*Science Division.*
Sharkey, Edmund de la Grade	Griffin, John.
Hare, Gustavus J. C.	Saunderson, William H.
Mulholland, William.	Daly, William.
Feeny, Dominick.	Moody, Samuel.
Padin, Thomas.	M'Enery, Edward.

FIRST YEAR.

Literary Division.	*Science Division.*
Wood, John E.	Foreman, Robert L.
Smylie, Archibald.	Winder, James.
Mac Donnell, Anthony P.	Thompson, George.
Thynne, Andrew.	Burke, John.
Droughton, Edward.	Dooley, Michael S.

Faculty of Law.

SENIOR SCHOLARSHIP.

Monroe, John, M.A.

THIRD YEAR.

Louden, John J.

SECOND YEAR.

Costigan, Thomas J.

FIRST YEAR.

M'Dermott, Brian.

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Faculty of Medicine.

SENIOR SCHOLARSHIPS.

Anatomy and Physiology, ... White, Thomas R. (£40).
Therapeutics and Pathology, ... Davis, John N.

THIRD YEAR.

M'Mahon, William. | Dickenson, Frederick F.

SECOND YEAR.

Bligh, John. | Lightbody, William H.

FIRST YEAR.

Literary Division. | *Science Division.*
Lynch, Martin. | Thomson, William.

School of Engineering.

SECOND YEAR.

Stoney, Edward W.

FIRST YEAR.

Stanley, Alexander.

School of Agriculture.

FIRST YEAR.

Corbett, Thomas. | Nally, William.

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SESSION 1862-63.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Conolly, James, B.A.
Modern Languages and Modern History,	Conolly, Patrick W., B.A.
Mathematics, ...	King, Ælian A., B.A.
Natural Philosophy, ...	Atkinson, John, B.A.
Metaphysical and Economic Science, ..	Wilson, Thomas N., B.A.
Chemistry,..	O'Farrell, Thomas, B.A.

THIRD YEAR.

Literary Division.	*Science Division.*
Hare, Gustavus J. C.	Griffin, John.
Mulholland, William.	Saunderson, William H.
Feeny, Dominick.	Moody, Samuel.
Crooks, William.	
M'Kenzie, John.	

SECOND YEAR.

Literary Division.	*Science Division.*
Wood, John E.	Foreman, Robert L.
Mac Donnell, Anthony P.	*Wallace, John.
Smylie, Archibald.	Burke, John.
Wallace, John.	Winder, James.
Droughton, Edward.	Dooley, Michael S. } *equal.*
	Thompson, George. }

FIRST YEAR.

Literary Division.	*Science Division.*
Wilson, William N.	Deane, Henry.
M'Farlane, Robert A.	Moorhead, William R.
Persse, William D.	Gaynor, William. } *equal.*
Killen, John M.	Gibbons, Thomas. }
Torrens, James.	Greaven, Dominick.

Faculty of Law.

THIRD YEAR.

Costigan, Thomas J.

SECOND YEAR.

M'Dermott, Brian.

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* Ineligible, having obtained Scholarship in other division.

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Faculty of Medicine.

SENIOR SCHOLARSHIPS.

Anatomy and Physiology, ... Hinds, William R. G.
Therapeutics and Pathology, ... Dwyer, Peter J.

THIRD YEAR.

Comerford, Henry. | Hanrahan, James J.

SECOND YEAR.

Saunderson, James E. | Thomson, William.

FIRST YEAR.

Literary Division.	*Science Division.*
Baldwin, H.	Smith, William A.

School of Engineering.

SECOND YEAR.

Stanley, Alexander.

FIRST YEAR.

Odling, Charles W.

School of Agriculture.

FIRST YEAR.

Chambers, Thomas. | Boyd, John S.

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SESSION 1863-64.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Sharkey, Edmund de la Garde, B.A.
Modern Languages and Modern History,	King, Ælian A., B.A.
Mathematics, ...	Griffin, John, B.A.
Natural Philosophy, ...	Saunderson, William H., B.A.
Metaphysical and Economic Science, ..	Mulholland, William, B.A.
Chemistry, ...	O'Hara, Charles, B.A.
Natural History, ...	Chestnut, Joseph W., B.A.

THIRD YEAR.

Literary Division.	*Science Division.*
Mac Donnell, Anthony P.	Foreman, Robert L.
Wood, John E.	Daly, William.
Maybin, William.	Dooley, James.
Droughton, Edward.	Dooley, Michael S.
Smylie, Archibald.	Thompson, George.

SECOND YEAR.

Literary Division.	*Science Division.*
M'Farlane, Robert A. } *equal.*	Deane, Henry. } *equal.*
Wilson, William N. }	Moorhead, William R. }
Persse, William D.	Forsyth, Samuel M'C.
Mac Donald, Francis.	Greaven, Dominick.
Meharry, John B.	Grealy, Nicholas.

FIRST YEAR.

Literary Division.	*Science Division.*
M'Swinney, Robert F.	Walsh, Thomas.
Legate, George W.	Hughes, William.
Macaulay, Colman P.	Hoctor, William F.
O'Connor, Thomas P.	Griffin, Thomas.
Gillespie, Michael.	Brooke, John.

Faculty of Law.

THIRD YEAR.

Atkinson, John, B.A.

FIRST YEAR.

Atkinson, Nicholas.

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Faculty of Medicine.

FOURTH YEAR.

Anatomy and Physiology, ... Comerford, Henry (£25).
Therapeutics and Pathology, ... Wilson, William J. (£25).
Therapeutics (*Special Exhibition*), .. Lupton, Henry (£18).

THIRD YEAR.

Bligh, John. | Conway, John K.

SECOND YEAR.

Boyd, John S. | Gorham, Anthony.

FIRST YEAR.

Literary Division.	*Science Division.*
Holmes, Robert A. K.	Walsh, Anthony.

School of Engineering.

THIRD YEAR.

M'Kelvey, Thomas.

SECOND YEAR.

Odling, Charles W. | Potter, Michael.

FIRST YEAR.

Lynam, William P. | Walker, Richard.

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SESSION 1864-65.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Dick, James, B.A.	
Modern Languages and Modern History, ...	MacDonnell, Anthony P., B.A. Sharkey, Edmund de la Garde, B.A.	*equal.*
Natural Philosophy, ...	Griffin, John, B.A.	
Metaphysical and Economic Science,	Conolly, Patrick W., B.A.	
Chemistry, ...	Conolly, James, B.A.	
Natural History, ...	Wood, John E., B.A.	

THIRD YEAR.

Literary Division.	*Science Division.*
Wilson, William N.	Winder, James.
M'Donald, Francis.	Burke, John.
Persse, William D.	Deane, Henry.
Meharry, John B.	Forsyth, Samuel M'C.
M'Farlane, Robert A.	Moorhead, William R.

SECOND YEAR.

Literary Division.	*Science Division.*
Moffett, Samuel.	Brooke, John.
M'Swinney, Robert F.	Hughes, William.
Killen, John M.	Griffin, Thomas.
Clancy, John J.	Lough, William J.
Dickey, Conly.	Walsh, Thomas.

FIRST YEAR.

Literary Division.	*Science Division.*
* Ward, Peter.	* Ward, Peter.
Maguire, Thomas M.	Brooke, William.
	Matthews, William.
	Ievers, Henry.
	Walsh, Michael.
	Colahan, William H. W.

Faculty of Law.

SENIOR SCHOLARSHIP.

Atkinson, John, B.A.

THIRD YEAR.

Mulholland, William.

SECOND YEAR.

Atkinson, Nicholas.

FIRST YEAR.

Crooks, William.

* Having obtained *First* place in both divisions, retains both Scholarships.

Digitized by Google

Faculty of Medicine.

FOURTH YEAR.

Bligh, John. | Saunderson, James E.

THIRD YEAR.

Burke, Michael J. | Gorham Anthony.

SECOND YEAR.

Sharpe, William. | Warde, Michael.

FIRST YEAR.

Literary Division.

Reed, Matthew. | Cleary, Michael J.

School of Engineering.

THIRD YEAR.

Odling, Charles W.

SECOND YEAR.

Lynham, William P.

FIRST YEAR.

Davy, Alfred. | Taaffe, Michael.

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SESSION 1865-66.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Wilson, William N., B.A.
Modern Languages and Modern History,	Sharkey, Edmund de la Garde, B.A.
Mathematics, ...	Deane, Henry, B.A.
Natural Philosophy, ...	Foreman, Robert L., B.A.
Metaphysical and Economic Science, ..	Moorhead, William R., B.A.
Chemistry, ...	Forsyth, Samuel M'C., B.A.
Natural History, ...	Wilson, John, B.A.

THIRD YEAR.

Literary Division.	*Science Division.*
Moffett, Samuel.	Brooke, John.
M'Swinney, Robert F.	Hughes, William.
Killen, John M.	Griffin, Thomas.
Clancy, John J.	Lough, William.
Dickey, Conly.	Walsh, Thomas.

SECOND YEAR.

Literary Division.	*Science Division.*
Macaulay, Colman P.	Brooke, William.
Maguire, Thomas M.	Colahan, William H. W.
Gillespie, Michael.	Walsh, Michael.
Marshall, John.	Ward, Peter.
	Gaynor, William.

FIRST YEAR.

Literary Division.	*Science Division.*
M'Donald, Charles.	M'Ilveen, John.
Fitzpatrick, John.	Smith, Oliver.
Dooley, John L.	M'Kenna, Thomas.
Howley, James.	Colahan, Nicholas W.
Talbot, Bertram H.	Lewis, W. Llewellyn.

Faculty of Law.

SENIOR SCHOLARSHIP.

Mulholland, William, B.A.

THIRD YEAR.

Atkinson, Nicholas.

SECOND YEAR.

[None.]

FIRST YEAR.

M'Donald Francis, B.A.

Digitized by Google

Faculty of Medicine.

FOURTH YEAR.

Conway, John K. | Conolly, James.

THIRD YEAR.

Davy, Francis A. | Sharpe, William.

SECOND YEAR.

Saunderson, William H. | Sugars, John C.

FIRST YEAR.

Literary Division. | *Science Division.*
Murphy, Michael E. | Hegarty, John.

School of Engineering.

THIRD YEAR.

Lynam, William P.

SECOND YEAR.

Davy, Alfred. | Grealy, Nicholas.

FIRST YEAR.

Nightingale, Walter H. | Chaster, Walter T.

Digitized by Google

SESSION 1866-67.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	M'Swinney, Robert F., B.A.
Modern Languages and Modern History,	O'Connor, Thomas P., B.A.
Mathematics, ...	Foreman, Robert L., B.A.
Natural Philosophy, ...	Hughes, William, B.A.
Metaphysical and Economic Science,	M'Donald, Francis, B.A.
Chemistry, ...	Hoctor, William F., B.A.

THIRD YEAR.

Literary Division.	*Science Division.*
Macaulay, Colman P.	Brooke, William.
Maguire, Thomas M.	Colahan, William H. W.
Gillespie, Michael.	Walsh, Michael.
Marshall, John.	Ward, Peter.
Agnew, Samuel.	Gaynor, William.

SECOND YEAR.

Literary Division.		*Science Division.*
Fitzpatrick, John.	*equal.*	Smith, Oliver.
M'Donald, Charles.		Colahan, Nicholas W.
Howley, James.		Fahy, Edward.
Craig, Samuel R.		M'Ilveen, John.
Dooley, John L.		Eaton, Thomas.

FIRST YEAR.

Literary Division.		*Science Division.*
Drummond, Michael.		Drury, H. D'Olier.
Henry, William E.		Glover, Ralph F.
Mitchell, Robert.		M'Kinney, Samuel B. G. *equal.*
Ievers, Robert W.		Nealon, William.
Drury, Richard J.		Duncan, James.

Faculty of Law.

FIRST YEAR.

M'Farlane, Robert A.

Digitized by Google

Faculty of Medicine.

FOURTH YEAR.

Kearney, Ambrose. | Clayton, Nicholas.

THIRD YEAR.

Saunderson, William H. | Sugars, John C.

SECOND YEAR.

M'Donnell, James O'M. | O'Brien, Daniel.

FIRST YEAR.

Literary Division. | *Science Division.*
Pye, Joseph P. | M'Swinney, George H.

School of Engineering.

THIRD YEAR.

M'Kinney, Hugh G.

SECOND YEAR.

Nightingale, Walter H. | Oram, John E.

FIRST YEAR.

Concannon, Patrick. | Glover, R. Stephen

Digitized by Google

SESSION 1867-68.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Marshall, John, B.A.
Modern Languages and Modern History,	M'Donald, Francis, B.A.
Natural Philosophy, ...	Brooke, William, B.A.
Metaphysical and Economic Science, ..	M'Farlane, Robert A.
Chemistry, ...	Walsh, Michael, B.A.
Natural History, ...	Gillespie, Michael, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Fitzpatrick, John.	Colahan, Nicholas W.
M'Donald, Charles.	Fahy, Edward.
Howley, James.	M'Ilveen, John.
Craig, Samuel R.	Eaton, Thomas.
Dooley, John L.	Huey, John.

SECOND YEAR.

Literary Division.	*Science Division.*
Drummond, Michael.	Drury, H. D'Olier.
Henry, William E.	Glover, Ralph F.
Ievers, Robert W.	M'Kinney, Samuel B. G.
Drury, Richard J.	Lewis, W. Llewellyn.
Talbot, Bertram H.	Matthews, William.

FIRST YEAR.

Literary Division.	*Science Division.*
Thompson, David.	Harrison, John H.
Hart, Raphael.	Moran, John.
Foreman, William J.	* Clarke, John J.
Clarke, John J.	* Thompson, David.
	Patterson, William.
	* O'Connor, P. Fenelon.

Faculty of Law.

THIRD YEAR.

M'Donald, Francis, B.A.

SECOND YEAR.

M'Swinney, Robert F., B.A.

FIRST YEAR.

Maguire, Thomas M., B.A.

* Ineligible, having obtained Scholarship in other division.

Digitized by Google

Faculty of Medicine.

FOURTH YEAR.

Saunderson, William H. | M'Auliffe, Thomas B.

THIRD YEAR.

M'Donnell, James O'M. | O'Brien, Daniel.

SECOND YEAR.

Pye, Joseph P. | Torrens, James.

FIRST YEAR.

Literary Division. | *Science Division.*
Simpson, William. | Hegarty, John.

School of Engineering.

THIRD YEAR.

Nightingale, Walter H.

SECOND YEAR.

Glover, R. Stephen. | Townsend, Thomas A.

FIRST YEAR.

Falkiner, George A. | Stratford, John.

Digitized by Google

SESSION 1868-69.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	M'Donald, Charles, B.A.
Modern Languages and Modern History,	Gillespie, Michael, B.A.
Mathematics, ...	Brooke, William, B.A.
Natural Philosophy, ...	Walsh, Michael, B.A.
Metaphysical and Economic Science, ..	Eaton, Thomas, B.A.
Chemistry, ...	Huey, John, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Drummond, Michael.	Drury, H. D'Olier.
Henry, William E.	Glover, Ralph F.
Ievers, Robert W.	M'Kinney, Samuel B. G.
Drury, Richard J.	Lewis, W. Llewellyn.
Talbot, Bertram H.	Matthews, William.

SECOND YEAR.

Literary Division.	*Science Division.*
Mitchell, Robert,	Harrison, John H.
Thompson, David.	Concannon, Patrick.
Foreman, William J.	Moran, John.
	Patterson, William.
	O'Connor, P. Fenelon.
	Clarke, John J.

FIRST YEAR.

Literary Division.	*Science Division.*
Shiel, Joseph R.	Croke, J. O'Byrne.
Warren, William E.	Anderson, Adam.
Cullin, Henry C.	Mullally, Michael.
Moorhead, James.	Somerville, Richard N.
Milward, William H.	* Moorhead, James.
	Milward, George R.

* Ineligible, having obtained Scholarship in other division.

Digitized by Google

Faculty of Law.

SENIOR SCHOLARSHIP.

M'Donald, Francis, M.A.

THIRD YEAR.

M'Swinney, Robert F., M.A.

SECOND YEAR.

Maguire, Thomas M., B.A.

FIRST YEAR.

Mulligan, James.

Faculty of Medicine.

FOURTH YEAR.

O'Brien, Daniel. | M'Donnell, James O'M.

THIRD YEAR.

Pye, Joseph P.
Colahan, William H. W. | Drury, H. D'Olier.

SECOND YEAR.

Blood, Robert. | Simpson, W.

FIRST YEAR.

Science Division.

Clements, Robert.

School of Engineering.

THIRD YEAR.

Glover, R. Stephen

SECOND YEAR.

Falkiner, George A. | Stratford, John

FIRST YEAR.

Holmes, Robert F. } *equal.*
Kain, Thomas. }

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SESSION 1869-70.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Henry, William E., B.A.
Modern Languages and Modern History,	Rentoul, James Alex., B.A.
Mathematics, ...	Glover, Ralph F., B.A.
Natural Philosophy, ...	Lewis, Walter L., B.A.
Metaphysical and Economic Science, ..	Mulligan, James, B.A.
Chemistry, ...	Griffin, Thomas, B.A.
Natural History, ...	*O'Donnell, Charles J., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Mitchell, Robert.	Harrison, John H.
Thompson, David.	Concannon, Patrick.
Foreman, William J.	Moran, John.
	Patterson, William.
	O'Connor, P. Fenelon.

SECOND YEAR.

Literary Division.	*Science Division.*
Cullin, Henry C.	Croke, J. O'Byrne.
Moorhead, James.	Anderson, Adam.
Shiel, Joseph R.	Mullally, Michael.
Warren, William E.	Somerville, Richard N.
O'Shaughnessy, John F. A.	Milward, George R.

FIRST YEAR.

Literary Division.	*Science Division.*
Maxwell, William H.	Freyer, P. Johnson.
Lynam, James.	Gorham, James J.
O'Callaghan, Matthew Q.	†Lynam, James.
O'Neill, Peter J.	Bourke, Palmer A.
Byrne, Nicholas.	M'Loughlin, James.
	Joyce, Patrick K.

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* Previously M'Donald.
† Ineligible, having obtained Scholarship in other division.

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Faculty of Law.

SENIOR SCHOLARSHIP.

M'Swinney, Robert F., M.A.

THIRD YEAR.

Maguire, Thomas M., B.A.

SECOND YEAR.

Dooley, John L.

FIRST YEAR.

Todd, Robert H.

Faculty of Medicine.

FOURTH YEAR.

Colahan, William H. W. | Pye, Joseph P.

THIRD YEAR.

Walsh, Michael. | Colahan, Nicholas W.

SECOND YEAR.

Melville, Andrew S. | Brooke, William.

FIRST YEAR.

Literary Division.	*Science Division.*
Barker, Christopher F.	White, Michael.

School of Engineering.

THIRD YEAR.

Falkiner, George A.

SECOND YEAR.

Quinton, John H. | Holmes, Robert F.

FIRST YEAR.

Lynam, Patrick. | Templeton, John W.

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SESSION 1870-71.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Mulligan, James, B.A.
Modern Languages and Modern History,	Moran, John, B.A.
Mathematics, ...	Harrison, John H., B.A
Natural Philosophy, ...	Glover, Ralph F., B.A.
Metaphysical and Economic Science, ..	Todd, Robert H., B.A.
Chemistry, ...	Lewis, W. Llewellyn, B.A.
Natural History, ...	Brooke, William, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Moorhead, James.	Croke, J. O'Byrne.
Shiel, Joseph R.	Anderson, Adam.
Warren, William E.	Mullally, Michael.
O'Shaughnessy, John F. A.	Somerville, Richard N.
	Milward, George R.

SECOND YEAR.

Literary Division.	*Science Division.*
Lynam, James.	Freyer, P. Johnson.
Maxwell, William H.	*Lynam, J.
O'Neill, Peter.	Gorham, James J.
	Joyce, Patrick K.
	Ellison, James.
	Megarry, James.

FIRST YEAR.

Literary Division.	*Science Division.*
†Adams, David O.	†Adams, David O. } *equal.*
Milward, Edwin O.	Gordon, John. }
M'Namara, John W.	Hickman, James.
Molony, Henry G.	Moylan, Michael J.
Dill, John.	Connolly, William E. S.

*Ineligible, having obtained Scholarship in other division.

†Having obtained *First* Place in both divisions, retains both Scholarships.

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Faculty of Law.

SENIOR SCHOLARSHIP.

Maguire, Thomas M., B.A.

THIRD YEAR.

Drummond, Michael, M.A.

SECOND YEAR.

Rentoul, James Alex., B.A.

FIRST YEAR.

Concannon, Patrick.

Faculty of Medicine.

FOURTH YEAR.

Colahan Nicholas W. | Fleming, William.

THIRD YEAR.

Holland, John J. | Gillespie, Michael.

SECOND YEAR.

White, Michael. | Morris, John J.

FIRST YEAR.

Literary Division.	*Science Division.*
Warren, J. Monteith.	Leitch, Josias.

School of Engineering.

THIRD YEAR.

Darcy, William E.

SECOND YEAR.

Lynam, Patrick. | Kain, Thomas.

FIRST YEAR.

Prendergast, Patrick J. | M'Auliffe, John.

Digitized by Google

SESSION 1871-72.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Moorhead, James, B.A.
Modern Languages and Modern History,	Mullally, Michael, B.A.
Mathematics, ...	Concannon, Patrick, B.A.
Natural Philosophy, ...	Harrison, John H., B.A.
Metaphysical and Economic Science, ..	Moran, John, B.A.
Chemistry, ...	Brooke, William, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Lynam, James.	Freyer, P. Johnson.
Maxwell, William H.	* Lynam, James.
O'Neill, Peter.	Gorham, James J.
	Joyce, Patrick R.
	Ellison, James.
	Megarry, James.

SECOND YEAR.

Literary Division.	*Science Division.*	
† Adams, David O.	† Adams, David O.	
Milward, Edwin O.	Gordon, John.	*equal.*
M'Namara, John W.	Hickman, James.	
Molony, Henry G.	Monroe, Samuel H.	*equal.*
M'Mordie, Elijah.	Moylan, Michael J.	

FIRST YEAR.

Literary Division.	*Science Division.*
O'Connor, George.	O'Kinealy, Peter.
M'Namara, Joseph C.	Dundee, Isaac C.
Mullin, James.	Wallace, Hugh.
Ambrose, Robert.	Kelly, Michael.
Molony, John.	Hallowell, James.

* Ineligible, having obtained Scholarship in other division.

† Having obtained *First* Place in both divisions, retains both Scholarships.

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Faculty of Law.

SENIOR SCHOLARSHIP.

Mulligan, James, M.A.

THIRD YEAR.

Rentoul, James Alex., B.A.

SECOND YEAR.

Shiel, Joseph R.

FIRST YEAR.

O'Neill, George F., M.A.

Faculty of Medicine.

FOURTH YEAR.

Holland, John J. | Gillespie, Michael J., B.A.

THIRD YEAR.

White, Michael. | Morris, John J.

SECOND YEAR.

Maguire, Daniel. | O'Connor, Peter F., B.A.

FIRST YEAR.

Literary Division.	*Science Division.*
O'Connor, Patrick.	Lynham, John I.

School of Engineering.

THIRD YEAR.

Lynam, Patrick.

SECOND YEAR.

Prendergast, Patrick J.

FIRST YEAR.

Kerin, John.

Digitized by Google

SESSION 1872-73.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Maxwell, William H., B.A.
Mathematics, ...	Mullally, Michael, B.A.
Natural Philosophy, ...	Concannon, Patrick, B.A.
Metaphysical and Economic Science,	Shiel, Joseph R., B.A.
Chemistry, ...	Freyer, P. Johnson, B.A.
Natural History, ...	Walsh, Michael, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*	
* Adams, David O.	* Adams, David O.	
Milward, Edwin O.	Gordon, John.	*equal.*
M'Namara, John W.	Hickman, James.	
Molony, Henry G.	Monroe, Samuel H.	*equal.*
M'Mordie, Elijah.	Moylan, Michael J.	

SECOND YEAR.

Literary Division.	*Science Division.*
O'Connor, George.	O'Kinealy, Peter.
M'Namara, Joseph C.	Fisher, John M.
Mullin, James.	Kelly, Michael.
Molony, John.	Dundee, Isaac C.
Watters, William.	Parker, John William.

FIRST YEAR.

Literary Division.	*Science Division.*	
Geoghegan, Joseph.	Shore, Robert.	
M'Millan, John.	Kelly, William.	*equal.*
Lavertine, Charles.	Lewis, John P.	
M'Namara, William J. U.	Glassford, Charles O.	
Wilson, Samuel L.	Goudy, James.	

* Having obtained *First* Place in both divisions, retains both Scholarships.

Digitized by Google

Faculty of Law.

SENIOR SCHOLARSHIP.

Rentoul, James Alex., B.A.

THIRD YEAR.

O'Neill, Peter J., B.A.

SECOND YEAR.

Moran, John, B.A.

FIRST YEAR.

Hanna, James.

Faculty of Medicine.

FOURTH YEAR.

White, Michael. | Macauley, Roger.

THIRD YEAR.

Maguire, Daniel. | Dempsey, Alexander.

SECOND YEAR.

Lynham, John I. | Quirk, Martin.

FIRST YEAR.

Literary Division. | *Science Division.*
Hallowell, James. | Sheedy, John.

School of Engineering.

THIRD YEAR.

Prendergast, Patrick J.

SECOND YEAR.

Woods, Richard J.

FIRST YEAR.

FitzGerald, Henry.

Digitized by Google

SESSION 1873-74.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Milward, Edwin O., B.A.
Modern Languages and Modern History,	Adams, David O., B.A.
Mathematics, ...	Gordon, John, B.A.
Natural Philosophy, ...	Freyer, P. Johnson, B.A.
Metaphysical and Economic Science, ..	Concannon, Patrick, B.A.
Chemistry, ...	Gorham, James J., B.A.
Natural History, ...	Joyce, Patrick K., B.A.

JUNIOR SCHOLARSHIPS.

Third Year.

Literary Division.	*Science Division.*
O'Connor, George.	O'Kinealy, Peter.
M'Namara, Joseph C.	Fisher, John M.
Mullin, James.	Kelly, Michael.
Molony, John.	Dundee, Isaac C.
Watters, William.	Parker, John William.

Second Year.

Literary Division.	*Science Division.*
Lavertine, Charles.	Shore, Robert.
Wilson, Samuel L.	M'Auliffe, Daniel.
Love, George C.	Goudy, James.
M'Millan, John.	Fisher, Joseph R.
M'Namara, William J. U.	

First Year.

Literary Division.	*Science Division.*
Molohan, John P.	M'Master, James.
Kerr, Æneas.	M'Dermott, Cornelius.
Farrelly, Michael J.	Constable, Samuel. } *equal.*
Minniken, John.	Corry, Patrick. }
Dripps, James T.	Horan, Timothy.

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Faculty of Law.

SENIOR SCHOLARSHIP.

Mullally, Michael, B.A.

THIRD YEAR.

Shiel, Joseph R., B.A.

SECOND YEAR.

Hanna, James.

FIRST YEAR.

Greenfield, John K.

Faculty of Medicine.

FOURTH YEAR.

Freyer, P. Johnson, B.A. | Maguire, Daniel.

THIRD YEAR.

Lynham, John I. | O'Sullivan, Patrick J.

SECOND YEAR.

Stokes, William. | M'Afee, William.

FIRST YEAR.

Science Division.

Eakins, George R. | Delahunt, James J.

School of Engineering.

THIRD YEAR.

Woods, Richard J.

SECOND YEAR.

Mahon, Thomas.

FIRST YEAR.

Davern, John P.

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SESSION 1874-75.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Modern Languages and Modern History,	Mullin, James, B.A.
Mathematics, ...	O'Kinealy, Peter, B.A.
Natural Philosophy, ...	Kelly, Michael, B.A.
Metaphysical and Economic Science, ..	Hanna, James, B.A.
Chemistry, ...	Molony, John S., B.A.
Natural History, ...	Milward, Edwin O., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Lavertine, Charles.	Shore, Robert.
Wilson, Samuel L.	M'Auliffe, Daniel.
Love, George C.	Fisher, Joseph R.
M'Millan, John.	
M'Namara, William J. U.	

SECOND YEAR.

Literary Division.	*Science Division.*
Kerr, Æneas.	M'Master, James.
Farrelly, Michael J.	Constable, Samuel.
Todd, Andrew.	Smith, John.
Megaw, Robert T.	Lewis, John P.
	M'Dermott, Cornelius.
	Morris, Richard H.

FIRST YEAR.

Literary Division.	*Science Division.*
* Henry, Augustine.	* Henry, Augustine.
Hunter, Charles W.	Waterworth, Hugh.
Anderson, Joseph R.	Sheedy, Thomas. } *equal.*
Geoghegan, Alfred.	Henderson, Thomas. } *equal.*
	Hackett, Robert I. Dalbey.
	Gorham, John.

* Having obtained *First* Place in both divisions, retains both Scholarships.

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Faculty of Law.

SENIOR SCHOLARSHIP.
Shiel, Joseph R., M.A.

THIRD YEAR.
Gordon, John, B.A.

SECOND YEAR.
Greenfield, John K.

Faculty of Medicine.

FOURTH YEAR.

Lynham, John I. | O'Sullivan, Patrick J.

THIRD YEAR.

Beattie, Robert. | Stokes, William.

SECOND YEAR.

Love, Robert L. | Delahunt, James J.

FIRST YEAR.

Literary Division.	*Science Division.*
M'Kinlay, John.	Young, William J.

School of Engineering.

THIRD YEAR.
Fisher, John M.

SECOND YEAR.

Davern, John P. | Glassford, Charles O.

FIRST YEAR.

Barker, Alexander A. | Condon, Daniel E.

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SESSION, 1875-76.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	O'Connor, George, M.A.
Modern Languages and Modern History,	Lavertine, Charles E., B.A.
Mathematics, ...	Kelly, Michael, B.A.
Natural Philosophy, ...	Shore, Robert, B.A.
Metaphysical and Economic Science, ..	Gordon, John, B.A.
Chemistry, ...	M'Namara, John W., B.A.
Natural History, ...	M'Namara, William J. U., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Kerr, Æneas.	M'Master, James.
Farrelly, Michael J.	Constable, Samuel.
Todd, Andrew.	Smith, John.
Megaw, Robert T.	Lewis, John P.
	Morris, Richard H.

SECOND YEAR.

Literary Division.	*Science Division.*
Hunter, Charles W.	Waterworth, Hugh.
Henry, Augustine.	Henderson, Thomas.
Condon, William O.	Hackett, Robert I. Dalbey.
	James, Arthur.
	Gorham, John.

FIRST YEAR.

Literary Division.	*Science Division.*
Dodds, Robert.	Henderson, John.
Thompson, George.	Sullivan, John.
Hume, George A.	Gahan, Garner.
Campbell, James A.	Andrews, James.
Watters, Francis O. M.	

Faculty of Law.

SENIOR SCHOLARSHIP.

O'Kinealy, Peter, M.A., LL.B.

FIRST YEAR.

Card, Thomas D., B.A.

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Faculty of Medicine.

FOURTH YEAR.

Allen, William. | O'Connor, Patrick.

THIRD YEAR.

Mitchell, Robert. | O'Brien, Thomas M.

SECOND YEAR.

Riordan, Daniel. | M'Kinlay, John.

FIRST YEAR.

Science Division.

Martin, Hugh H. | Smith, John.

School of Engineering.

THIRD YEAR.

Molony, John S., B.A.

SECOND YEAR.

Barker, Alexander A. | Condon, Daniel E.

FIRST YEAR.

Gahan, Michael. | Lynam, Edward.

Digitized by Google

SESSION 1876-77.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Farrelly, Michael J., B.A.
Modern Languages and Modern History,	M'Namara, Joseph C., B.A.
Mathematics, ...	Shore, Robert, B.A.
Natural Philosophy, ...	Hickman, James, B.A.
Metaphysical and Economic Science, ..	McGranahan, William, B.A.
Chemistry, ...	M'Namara, William J. U., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Hunter, Charles W.	Waterworth, Hugh.
Henry, Augustine.	Henderson, Thomas.
Condon, William O.	Hackett, Robert I. Dalbey.
	James, Arthur.
	Gorham, John.

SECOND YEAR.

Literary Division.	*Science Division.*
Dodds, Robert.	Sullivan, John.
Hume, George A.	Henderson, John.
Anderson, Joseph R.	Gahan, Garner.

FIRST YEAR.

Literary Division.	*Science Division.*
Brown, John I.	Anderson, Alexander.
Shine, Eugene.	Brown, William.
Gleeson, Edward J.	Moreland, Robert.
Nolan, Herbert, M.B.	Vance, Robert.
Hanly, John J.	Moorhead, John R.

Faculty of Law.

SENIOR SCHOLARSHIP.

Gordon, John, B.A.

SECOND YEAR.

Card, Thomas D., B.A.

FIRST YEAR.

Todd, Andrew, B.A.

Digitized by Google

Faculty of Medicine.

FOURTH YEAR.

Mitchell, Robert. | Delahunt, James J.

THIRD YEAR.

M'Kinlay, John. } *equal.*
Riordan, Daniel. }

SECOND YEAR.

Martin, John. | O'Malley, David J.

FIRST YEAR.

Literary Division. | *Science Division.*
Sheridan, Thomas M. | Elliott, John H.

School of Engineering.

THIRD YEAR.

Barker, Alexander A.

SECOND YEAR.

Lynam, Edward W. | Gahan, Michael.

FIRST YEAR.

M'Elrea, William.

Digitized by Google

SESSION 1877-78.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Kerr, Æneas, B.A.
Modern Languages and History, ..	Todd, Andrew, B.A.
Natural Philosophy, ...	Henry, Augustine, B.A.
Metaphysical and Economic Science,	Henderson, Thomas, B.A.
Chemistry, ...	Shore, Robert, M.A.
Natural History, ...	Hackett, Robert I. Dalbey, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Dodds, Robert.	Sullivan, John.
Hume, George A.	Henderson, John.
Anderson, Joseph R.	Gahan, Garner.

SECOND YEAR.

Literary Scholarships.	*Science Scholarships.*
Brown, John I.	Vance, Robert.
Gleeson, Edward J.	Brown, William.
Shine, Eugene.	M'Dowell, Thomas H.
Hanly, John J.	Andrews, James.

FIRST YEAR.

Literary Division.	*Science Division.*
Jackson, William J.	Lowe, William J.
Morton, John H.	Eagar, Francis S.
Gillespie, James J.	Clarke, Samuel B.
Bain, John A.	Talbot, Thomas J.
Smyth, Thomas C.	* Jackson, William J.
	Mapother, Dillon E.

Faculty of Law.

FIRST YEAR.

England, William G.

---

* Ineligible, having obtained Scholarship in other division.

Digitized by Google

Faculty of Medicine.

FOURTH YEAR.

M'Kinlay, John. | Riordan, Daniel.

THIRD YEAR.

Reynolds, T. Taylor. | Martin, John.

SECOND YEAR.

O'Shaughnessy, Francis H. | Mullin, John F. L.

FIRST YEAR.

Literary Division.	*Science Division.*
Jackson, Joseph B.	Freyer, Samuel.

School of Engineering.

THIRD YEAR.

Lynam, Edward W.

SECOND YEAR.

M'Elrea, William. | Roseingrave, Thomas W.

FIRST YEAR

Flatley, William P. | Horneck, Samuel.

Digitized by Google

SESSION, 1878-79.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Dodds, Robert, B.A.
Modern Languages and Modern History,	Fisher, Joseph R., B.A.
Natural Philosophy, ...	Henderson, John, B.A.
Metaphysical and Economic Science, ..	Hume, George A., B.A.
Chemistry, ...	Gahan, Garner, B.A.
Natural History, ...	Henry, Augustine, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Scholarships.	*Science Scholarships.*
Brown, John 1.	Vance, Robert.
Gleeson, Edward J.	Brown, William.
Shine, Eugene.	M'Dowell, Thomas H.
Hanly, John J.	Andrews, James.

SECOND YEAR.

Literary Division.	*Science Division.*
Jackson, William J.	Lowe, William J.
Gillespie, James J.	Anderson, Alexander.
Morton, John H.	Clarke, Samuel B.
Munro, William H.	Talbot, Thomas J.
Bain, John A.	Moorhead, John R.

FIRST YEAR.

Literary Division	*Science Division.*
Kirker, H. Fitzwalter.	Patterson, Samuel.
M'Laren, James B.	Rowney, George A. H.
Millar, William J.	Blackall, Patrick.
Morrow, Henry W.	Gahan, Charles J.
O'Sullivan, Patrick.	Card, William.

Faculty of Law.

THIRD YEAR.

Todd, Andrew, B.A.

SECOND YEAR.

England, William G.

FIRST YEAR.

Donnell, William, B.A.

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Faculty of Medicine.

FOURTH YEAR.

White, Sinclair. | Cochrane, Robert.

THIRD YEAR.

M'Loughlin, Francis. | Pritchard, Thomas.

SECOND YEAR.

Gibson, William W. | Fisher, Walter M.

FIRST YEAR.

Literary Division.

Copithorne, James G. | Farrelly, Thomas.

School of Engineering.

THIRD YEAR.

M'Elrea, William.

SECOND YEAR.

Hackett, Edward A. | Flatley, William P.

FIRST YEAR.

Mac Namara, Robert J.

Digitized by Google

SESSION 1879-80.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Brown, John I., B.A.
Modern Languages and Modern History,	Campbell, James A., B.A.
Mathematics, ...	Vance, Robert, B.A.
Natural Philosophy, ...	Brown, William, B.A.
Metaphysical and Economic Science, ..	Currie, William S., B.A.
Natural History, ...	M'Farlane, Hugh, M.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Jackson, William J.	Lowe, William J.
Gillespie, James J.	Anderson, Alexander.
Morton, John H.	Clarke, Samuel B.
Munro, William H.	Talbot, Thomas J.
Bain, John A.	Moorhead, John R.

SECOND YEAR.

Literary Division.	*Science Division.*
M'Laren, James B.	Patterson, Samuel.
Millar, William J.	Gahan, Charles J.
Kirker, H. Fitzwalter.	Foy, Alexander R.
M'Donagh, Redmond.	M'Neill, David.
Molloy, Mark.	Rowney, George A. H.

FIRST YEAR.

Literary Division.	*Science Division.*
Shute, Charles C.	Carroll, Henry.
Newell, Peter.	Buckley, Thomas.
M'Keague, Thomas M.	MacMillan, Robert.
Watters, John.	Gillespie, Alexander P.
	Freyer, John.
	M'Dermott, James.

Faculty of Law.

SENIOR SCHOLARSHIP.

Todd, Andrew, LL.B.

THIRD YEAR.

Hume, George A., M.A.

SECOND YEAR.

Donnell, William, B.A.

FIRST YEAR.

Brown, James.

Digitized by Google

Faculty of Medicine.

FOURTH YEAR.

M'Laughlin, Francis. | Shore, Robert, M.A.

THIRD YEAR.

Gibson, William W. | O'Connell, David V.

SECOND YEAR.

Wise, Charles H. | Mitchell, William J.

FIRST YEAR.

Literary Division.	*Science Division.*
Clarke, Joseph J.	Thompson, William H.

School of Engineering.

THIRD YEAR.

Hackett, Edward A.

FIRST YEAR.

Hardy, Earle A. | Long, James S. L

Digitized by Google

SESSION 1880-81.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Jackson, William J., B.A.
Modern Languages and Modern History, ..	Bain, John A., B.A.
Mathematics, ...	Lowe, William J., B.A.
Natural Philosophy, ...	Anderson, Alexander, M.A.
Metaphysical and Economic Science, ..	Brown, John I., B.A.
Chemistry, ...	Clarke, Samuel B., B.A.
Natural History, ...	Munro, William H., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
M'Laren, James B.	Patterson, Samuel.
Millar, William J.	Gahan, Charles J.
Kirker, H. Fitzwalter.	Foy, Alexander R.
M'Donagh, Redmond.	M'Neill, David.
Molloy, Mark.	Rowney, George A. H.

SECOND YEAR.

Literary Division.	*Science Division.*
Newell, Peter.	Buckley, Thomas.
Moody, John.	M'Dermott, James.
Keating, William H.	Card, William.
	M'Granahan, James.
	Freyer, John.

FIRST YEAR.

Literary Division.	*Science Division.*
Maxwell, Sydney L.	Freyer, Samuel.
Hamilton, William.	Kane, Hugh.
Shannon, Owen J.	Morton, David.
*Freyer, Samuel.	M'Cune, Thomas H.
Hogg, T. Simpson.	Stewart, John.
	Waugh, Hugh.

* Ineligible, having obtained Scholarship in other division.

Digitized by Google

Faculty of Law.

SENIOR SCHOLARSHIP.

Hume, George A., M.A.

THIRD YEAR.

Donnell, William, B.A.

SECOND YEAR.

Brown, James.

Faculty of Medicine.

FOURTH YEAR.

Gibson, William W. | O'Connell, David V.

THIRD YEAR.

Mitchell, William J. | O'Gorman, Patrick.

SECOND YEAR.

Thompson, William H. | M'Glynn, John.

FIRST YEAR.

Literary Division.	*Science Division.*
Lennan, Vincent F.	Bartley, William.

School of Engineering.

SECOND YEAR.

Hardy, Earle A. | Thompson, William J.

FIRST YEAR.

Binns, Henry A.

Digitized by Google

SESSION 1881-82.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	M'Laren, James B., B.A.
Modern Languages and Modern History, ..	Jackson, William J., B.A
Mathematics, ...	Anderson, Alexander, M.A
Natural Philosophy, ...	Vance, Robert, M.A.
Metaphysical and Economic Science, ..	Millar, William J., B.A.
Chemistry, ...	Buchanan, Andrew, B.A.
Natural History, ...	Hanly, John J., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Newell, Peter.	Buckley, Thomas.
Moody, John.	M'Dermott, James.
Keating, William H.	Card, William.
	M'Granahan, James.
	Freyer, John.

SECOND YEAR.

Literary Division.	*Science Division.*
Shannon, Owen J.	Morton, David.
Thompson, James.	Freyer, Samuel.
Hamilton, Walter M.	M'Cune, Thomas H.
Hogg; T. Simpson.	Mahon, William.
Maxwell, Sydney L.	Kelly, Michael O.

FIRST YEAR.

Literary Division.	*Science Division.*
Evans, Isaac R.	Card, David.
M'Elwee, John.	Finucane, Thomas E.
Laing, John.	Frame, Arthur.
M'Farland, Andrew.	Gillespie, George.
Moody, William.	Atkinson, Hugh L.

Faculty of Law.

SENIOR SCHOLARSHIP.

Farrelly, Michael J., B.A.

FIRST YEAR.

Nelson, Thomas E., M.A.

Digitized by Google

Faculty of Medicine.

FOURTH YEAR.

Mitchell, William J. | O'Gorman, Patrick.

THIRD YEAR.

Thompson, William H. | Henderson, Robert W.

SECOND YEAR.

Bartley, William. | Munro, William H., B.A.

FIRST YEAR.

Literary Division. | *Science Division.*
Wade, Hugh E. | Condon, Richard T.

School of Engineering.

THIRD YEAR.

Thompson, William J.

SECOND YEAR.

Binns, Henry A.

FIRST YEAR.

Lynam, Francis J.

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SESSION 1882-83.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Keating, William H.
Modern Languages and Modern History,	Newell, Peter.
Natural Philosophy, ...	Patterson, Samuel, B.A.
Metaphysical and Economic Science, ..	Jackson, William J., M.A.
Chemistry, ...	Semple, Samuel, M.A.
Natural History, ...	Gahan, Charles J., M.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Shannon, Owen J.	Morton, David.
Thompson, James.	Freyer, Samuel.
Hamilton, Walter M.	M'Cune, Thomas H.
Hogg, T. Simpson.	Mahon, William.
Maxwell, Sydney L.	Kelly, Michael O.

SECOND YEAR.

Literary Division.	*Science Division.*
Evans, Isaac R.	Gillespie, George.
M'Elwee, John.	Finucane, Thomas E.
M'Coy, Daniel.	Carroll, Henry.
Gannon, William C.	M'Elney, Robert.
Davison, Robert H.	Frame, Arthur

FIRST YEAR.

Literary Division.	*Science Division.*
Clarke, William A.	Martin, John.
M'Nulty, Thomas.	Humphreys, John.
* Benson, Arthur T.	Hopkins, Samuel.
M'Afee, Alexander.	Oldham, Thomas C. H.
Jordan, Michael J.	Benson, Arthur T.
Gregg, Andrew C.	

Faculty of Law.

THIRD YEAR.

Millar, William J., M.A.

SECOND YEAR.

Nelson, Thomas E.

FIRST YEAR.

M'Donagh, Redmond, B.A.

* Ineligible, having obtained Scholarship in other division.

Digitized by Google

Faculty of Medicine.

FOURTH YEAR.

Thompson, William H. | Henderson, Robert W.

THIRD YEAR.

Mahon, Ralph B. | MacNamara, Robert J.

SECOND YEAR.

Condon, Richard T. | Milligan, William.

FIRST YEAR.

Science Division.

Noble, William. | Reynolds, James S.

School of Engineering.

THIRD YEAR.

Rowney, George A. H., B.A.

SECOND YEAR.

Lynam, Francis J. | O'Shaughnessy, Michael M.

FIRST YEAR.

Allman, Alfred. } *equal.*
Joyce, Raoul. }

Digitized by Google

SESSION 1883-84.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Maxwell, Sydney L., B.A.
Modern Languages and Modern History, ..	Shannon, Owen J., B.A.
Mathematics, ...	Morton, David.
Natural Philosophy, ...	Freyer, Samuel.
Metaphysical and Economic Science, ..	Smith, Henry, B.A.
Chemistry, ...	M'Cune, Thomas H., B.A.
Natural History, ...	Hogg, T. Simpson, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Evans, Isaac R.	Gillespie, George.
M'Elwee, John.	Finucane, Thomas E.
M'Coy, Daniel.	Carroll, Henry.
Gannon, William C.	M'Elney, Robert.
Davison, Robert H.	Frame, Arthur.

SECOND YEAR.

Literary Division.	*Science Division.*
Clarke, William A.	Humphreys, John.
Benson, Arthur J.	Martin, John.
Jordan, Michael J.	Card, David.
Gregg, Andrew C.	
M'Afee, Alexander.	

FIRST YEAR.

Literary Division.	*Science Division.*
Dugan, Charles W.	Keers, James.
Meeke, William M'E.	Dowd, Henry L.
Loftus, Joseph J.	Cowan, Moses H.
Hession, Nicholas J. M.	Keegan, James M.
Davidson, Andrew G.	Campbell, Richard J.

Faculty of Law.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.	SECOND YEAR.	FIRST YEAR.
Nelson, Thomas E.	M'Donagh, Redmond.	Moorhead, John R.

Digitized by Google

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Thompson, William H.

FOURTH YEAR.

MacNamara, Robert J. | Waters, George A.

THIRD YEAR.

Eagleton, John F.

SECOND YEAR.

Hamilton, James. | Waters, Eaton W.

FIRST YEAR.

Literary Division.

Stewart, Joseph. | M'Cormick, Edward.

School of Engineering.

THIRD YEAR.

O'Shaughnessy, Michael M.

FIRST YEAR.

Thompson, Atwell.

Digitized by Google

SESSION 1884–85.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Evans, Isaac R.
Modern Languages and Modern History ..	Thompson, James, B.A.
Natural Philosophy, ...	M'Cune, Thomas H., B.A.
Metaphysical and Economic Science, ..	Sloane, George, B.A.
Chemistry, ...	M'Elney, Robert, B.A.
Natural History, ...	M'Elwee, John, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Clarke, William A.	Humphreys, John.
Benson, Arthur J.	Martin, John.
Jordan, Michael J.	Card, David.
Gregg, Andrew C.	
M'Afee, Alexander.	

SECOND YEAR.

Literary Division.	*Science Division.*
Davidson, Andrew G.	Henry, Moses.
Dugan, Charles W.	Cowan, Moses H.
Rusk, John.	Keegan, James M.
Hession, Nicholas J. M.	Dowd, Henry L.
Hegan, Edwin.	Keers, James M.

FIRST YEAR.

Literary Division.	*Science Division.*
Kennedy, William.	M'Candless, Thomas.
M'Kee, William J.	Shore, Patrick B.
Adams, John A.	Farrington, Walter.
Cairnes, John E.	Charleton, Robert J.
Bell, James.	Thompson, Cuthbert.

Faculty of Law.

SCHOLARSHIPS.

THIRD YEAR.

M'Donagh, Redmond, M.A.

SECOND YEAR.

Moorhead, John R., B.A.

FIRST YEAR.

Malone, John.

Digitized by Google

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, .. Macnamara, Robert J.

FOURTH YEAR.

Mahon, Ralph B. | Eagleton, John F.

THIRD YEAR.

Waters, Eaton W. | Hamilton, James.

SECOND YEAR.

Stewart, Joseph. | Pierse, Gerard J.

FIRST YEAR.

Literary Division.	*Science Division.*
Heaney, James H.	Foley, Thomas H.

School of Engineering.

SCHOLARSHIPS.

SECOND YEAR.

Thompson, Atwell.

FIRST YEAR.

Binns, William N. | Long, Samuel L.

Digitized by Google

SESSION 1885-86.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Clarke, William A.
Metaphysical and Economic Science, ..	Gregg, Andrew C.
Chemistry, ...	Gillespie, George, B.A.
Natural History, ...	Martin, John.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Davidson, Andrew G.	Henry, Moses.
Dugan, Charles W.	Cowan, Moses H.
Rusk, John.	Keegan, James M.
Hession, Nicholas J. M.	Dowd, Henry L.
Hegan, Edwin.	Keers, James M.

SECOND YEAR.

Literary Division.	*Science Division.*
M'Kee, William J.	Thompson, Cuthbert.
Adams, John A.	Rentoul, Gervais C.
Hilton, Hugh.	Charleton, Robert J.
Hamilton, Samuel.	Farrington, Walter.
Cairnes, John E.	

FIRST YEAR.

Literary Division.	*Science Division.*
Maxwell, Michael T.	Bain, Alexander.
Irwin, Albert J.	* Semple, Robert J.
* Bain, Alexander.	M'Cay, Francis.
Semple, Robert J.	Keers, William.
Lydon, Martin F.	Freyer, Patrick W.

Faculty of Law.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Moorhead, John R.

SECOND YEAR.

Smith, Henry.

FIRST YEAR.

Brown, William.

* Ineligible, having obtained Scholarship in other division.

Digitized by Google

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ... Mahon, Ralph B.

FOURTH YEAR.

Waters, Eaton W.

THIRD YEAR.

Smith, Henry, B.A. | Stewart, Joseph.

SECOND YEAR.

Eldon, Joseph. | Loftus, Joseph J.

FIRST YEAR.

Literary Division.	*Science Division.*
Millea, William C.	Twomey, Michael.

School of Engineering.

SCHOLARSHIPS.

THIRD YEAR.

Thompson, Atwell.

SECOND YEAR.

Long, Samuel L. | Oldham, Thomas C. H.

FIRST YEAR.

Moon, Robert A. | Hall, Thomas A.

Digitized by Google

SESSION 1886–87.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Dugan, Charles W.
Modern Languages and Modern History, ..	Rusk, John, B.A.
Mathematics, ...	Thompson, Atwell, B.E.
Natural Philosophy, ...	Henry, Moses, B.A.
Metaphysical and Economic Science, ..	Humphreys, John.
Chemistry, ...	Keegan, James M., B.A.
Natural History, ...	M'Afee, Alexander, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
M'Kee, William J.	Thompson, Cuthbert.
Adams, John A.	Rentoul, Gervais C.
Hilton, Hugh.	Charleton, Robert J.
Hamilton, Samuel.	Farrington, Walter.
Cairnes, John E.	

SECOND YEAR.

Literary Division.	*Science Division.*
Kennedy, William.	Bain, Alexander.
Semple, Robert J.	Millea, William C.
Irwin, Albert J.	M'Cay, Francis.
Maxwell, Michael T.	Douglas, Charles.
	Raddin, George H.

FIRST YEAR.

Literary Division.	*Science Division.*
O'Hara, Patrick J.	Gannon, William J.
Clarke, Alexander F.	Love, Robert.
M'Askie, William J.	Bunton, Christopher L. W.
Gillespie, William H.	Mangan, Denis.
Donnan, William.	Bradford, Herbert A.

Faculty of Law.

THIRD YEAR.

Smith, Joseph, B.A.

SECOND YEAR.

Brown, William, M.A.

FIRST YEAR.

Buckley, Thomas.

Digitized by Google

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ... Waters, Eaton W.

FOURTH YEAR.

Smith, Henry, B.A. | Stewart, Joseph.

THIRD YEAR.

Pierse, Gerard J. | Taylor, William J.

SECOND YEAR.

Foley, Thomas H. | Laing, George M.

FIRST YEAR.

Literary Division.	*Science Division.*
O'Reilly, Henry W. H.	Connolly, Thomas J.

School of Engineering.

SCHOLARSHIPS.

THIRD YEAR.

Binns, William N.

SECOND YEAR.

Finucane, Thomas E. | Hall, Thomas A.

FIRST YEAR.

Thompson, John S.

Digitized by Google

SESSION 1887-88.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	M'Kee, William J., B.A.
Modern Languages and Modern History, ..	Hilton, Hugh.
Natural Philosophy, ...	Keegan, James M., M.A.
Metaphysical and Economic Science, ..	Davidson, Andrew G., B.A.
Chemistry, ...	Farrington, Walter.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Kennedy, William.	Bain, Alexander.
Semple, Robert J.	Millea, William C.
Irwin, Albert J.	M'Cay, Francis.
Maxwell, Michael T.	Douglas, Charles.
	Raddin, George H.

SECOND YEAR.

Literary Division.	*Science Division.*
Connolly, Thomas J.	Gannon, William J.
Love, Robert.	Bradford, Herbert A.
Gillespie, William H.	
O'Hara, Patrick J.	
M'Askie, William J.	
Gailey, Andrew.	
Clarke, Alexander F.	

FIRST YEAR.

Literary Division.	*Science Division.*
Brown, David.	Paul, John.
Lee, William.	Deans, John.
Morris, Patrick.	Harrison, Thomas J.
	Keenan, John F.
	Moran, John.
	Cambbell, Henry.
	Clements, Robert W.

Faculty of Law.

SECOND YEAR.

Buckley, Thomas.

FIRST YEAR.

O'Keeffe, James D.

Digitized by Google

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ... Stewart, Joseph, M.B.

FOURTH YEAR.

Pierse, Gerard J. | Taylor, William J.

THIRD YEAR.

Steen, James R. | Eldon, Joseph.

SECOND YEAR.

Heaney, James H. | Hamilton, Samuel.

FIRST YEAR.

Science Division.

Clements, Joseph E.

School of Engineering.

THIRD YEAR.

Finucane, Thomas E.

FIRST YEAR.

Binns, Edmund T. | Goodman, Charles W.

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SESSION 1888-89.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Kennedy, William, B.A.
Mathematics, ...	Bain, Alexander.
Natural Philosophy, ...	Hall, Thomas A., B.E.
Metaphysical and Economic Science, ..	Semple, Robert J., B.A.
Chemistry, ...	Thompson, Cuthbert.
Natural History, ...	Millea, William C.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Connolly, Thomas J.	Gannon, William J.
Love, Robert.	Bradford, Herbert A.
Gillespie, William H.	
O'Hara, Patrick J.	
M'Askie, William J.	
Gailey, Andrew.	
Clarke, Alexander F.	

SECOND YEAR.

Literary Division.	*Science Division.*
Brown, David.	Paul, John.
Mangan, Denis.	Harrison, Thomas J.
Downard, Thomas.	Clements, Robert W.
Deans, John.	Hynes, Mortimer.
	O'Dea, Martin.
	Moran, John.

FIRST YEAR.

Literary Division.	*Science Division.*
Mahon, John S.	Deans, William.
Beattie, Robert A.	Bain, Philander A.
Boyd, James.	Burkitt, James P.
Hunter, Charles H.	Roe, Robert L.
Glendenning, James P. C.	Forbes, William J.

Faculty of Law.

THIRD YEAR.	SECOND YEAR.
Buckley, Thomas, B.A.	O'Connor, Francis J.

FIRST YEAR.

Jordan, Michael J., B.A.

Digitized by Google

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ... Taylor, William J.

FOURTH YEAR.

Steen, James R. | Eldon, Joseph.

THIRD YEAR.

Adams, John A., B.A. | Foley, Thomas H.

SECOND YEAR.

Martin, John. | Foley, Charles H.

FIRST YEAR.

Literary Division.	*Science Division.*
Campbell, Henry.	Robinson, James.

School of Engineering.

THIRD YEAR.

M'Cay, Francis.

FIRST YEAR.

Mahon, Arthur P. | Orpen, Richard T.

Digitized by Google

SESSION 1889-90.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Gillespie, William H., B.A.
Modern Languages and Modern History,	O'Hara, Patrick J.
Mathematics, ...	M'Cay, Francis, B.A.
Metaphysical and Economic Science, ..	Gailey, Andrew, B.A.
Chemistry, ...	Gannon, William J., B.A.

THIRD YEAR.

Literary Division.	*Science Division.*
Brown, David.	Paul, John.
Mangan, Denis.	Harrison, Thomas J.
Downard, Thomas.	Clements, Robert W.
Deans, John.	Hynes, Mortimer.
	O'Dea, Martin.
	Moran, John.

SECOND YEAR.

Literary Division.	*Science Division.*
Mahon, John S.	Kane, Thomas.
Beattie, Robert A.	Burkitt, James P.
Boyd, James.	Keenan, John F.
Hunter, Charles H.	Forbes, William J.
Gilchrist, Andrew.	Deans, William.

FIRST YEAR.

Literary Division.	*Science Division.*
O'Hara, Charles H.	M'Clelland, John A.
Rooney, John W.	Bright, James.
Walker, William.	Hayes, John C.
Caldwell, John.	M'Hugh, Patrick.
Keegan, David M.	Keillor, William R.

Faculty of Law.

THIRD YEAR.

Muldoon, John.

SECOND YEAR.

M'Connell, John K., B.A.

FIRST YEAR.

Leitch, Andrew C.

Digitized by Google

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ... Adams, John A., B.A.

FOURTH YEAR.

Kelly, Thomas B. | Heaney, James H.

THIRD YEAR.

Foley, Charles H. | Costello, Michael J. B.

SECOND YEAR.

Connolly, Thomas J. | Clements, Joseph A.

FIRST YEAR.

Literary Division.	*Science Division.*
Boyd, William.	Moran, Michael.

School of Engineering.

THIRD YEAR.

Raddin, George H.

SECOND YEAR.

Mahon, Arthur P. | Binns, Edmund T.

FIRST YEAR.

Emerson, Thomas. | Stuart, William.

Digitized by Google

SESSION 1890–91.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Mangan, Denis, B.A.
Modern Languages and Modern History, ..	Moran, John.
Mathematics, ...	Paul, John, B.A.
Natural Philosophy, ...	Gannon, William J., B.A.
Metaphysical and Economic Science, ..	Downard, Thomas, B.A.
Chemistry, ...	Hynes, Mortimer.
Natural History, ...	Connolly, Thomas J.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Mahon, John S.	Kane, Thomas.
Beattie, Robert A.	Burkitt, James P.
Boyd, James.	Keenan, John F.
Hunter, Charles H.	Forbes, William J.
Gilchrist, Andrew.	Deans, William.

SECOND YEAR.

Literary Division.	*Science Division.*
O'Hara, Charles H.	M'Clelland, John A.
Keegan, David M.	Hayes, John C.
Beatty, John.	Rutledge, Andrew.
Stuart, James.	M'Cay, Daniel.
	Lundy, Joseph.

FIRST YEAR.

Literary Division.	*Science Division.*
Mac Gregor, William.	Anderson, Henry.
Barniville, Richard T.	Burke, William.
Sloane, John.	Stewart, John.
M'Ilwaine, Robert.	Henry, John.
Walker, Andrew J.	Ewing, William H.

Faculty of Law.

THIRD YEAR.

M'Connell, John K., B.A.

SECOND YEAR.

Leitch, Andrew C.

FIRST YEAR.

Conroy, John C.

Digitized by Google

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ... Kelly, Thomas B.

FOURTH YEAR.

Costello, Michael J. B. | Foley, Charles H.

THIRD YEAR.

Allen, Robert. | Baile, Richard.

SECOND YEAR.

Clements, Robert W. | M'Donnell, Edward De M.

FIRST YEAR.

Literary Division. | *Science Division.*

Turkington, Humphrey. | Daly, John J.

School of Engineering.

THIRD YEAR.

Mahon, Arthur P.

SECOND YEAR.

Emerson, Thomas.

FIRST YEAR.

Brady, Thomas T. | Thornton, Martin.

Digitized by Google

SESSION 1891-92.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Mahon, John S., B.A.
Modern Languages and Modern History, ..	Emerson, Thomas, B.A.
Mathematics, ...	Burkitt, James P., B.A.
Metaphysical and Economic Science, ...	Gilchrist, Andrew, B.A.
Chemistry, ...	Keenan, John F.
Natural History, ...	Downard, Thomas, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
O'Hara, Charles H.	M'Clelland, John A.
Keegan, David M.	Hayes, John C.
Beatty, John.	Rutledge, Andrew.
Stuart, James.	M'Cay, Daniel.
	Lundy, Joseph.

SECOND YEAR.

Literary Division.	*Science Division.*
Mac Gregor, William.	Henry, John.
Walker, William.	Ewing, William H.
M'Ilwaine, Robert.	Wilson, David.
Barniville, Richard T.	
Sloane, John.	
Rutledge, John G.	
Walker, Andrew J.	

FIRST YEAR.

Literary Division.	*Science Division.*
Flack, William T.	Stuart, Thomas.
Hanna, Robert K.	Montgomery, Alexander W.
Bell, William H.	Bright, John S.
Naughton, Owen.	Henry, Moses.
M'Cay, Charles.	Mallagh, Joseph.

Faculty of Law.

THIRD YEAR.

Leitch, Andrew C.

SECOND YEAR.

Conroy, John C.

FIRST YEAR.

Macnamara, Michael A.

Digitized by Google

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, .. Bunton, Christopher L. W., M.B.

FOURTH YEAR.

Allen, Robert.

THIRD YEAR.

Clements, Joseph A. | Hynes, Mortimer.

SECOND YEAR.

Carroll, William S. | Moran, Michael.

FIRST YEAR.

Literary Division. | *Science Division.*
Kirwan, James St. L. | Rooney, John W.

School of Engineering.

THIRD YEAR.

Binns, Edmund T.

SECOND YEAR.

Stewart, William. | Gallagher, Stephen G.

FIRST YEAR.

Clements, Samuel D., B.A.

Digitized by Google

SESSION 1892-93.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Hunter, Charles H.
Modern Languages and Modern History,	O'Hara, Charles H.
Mathematics, ...	Hayes, John C., B.A.
Natural Philosophy, ...	M'Clelland, John A., B.A.
Metaphysical and Economic Science,	Glendenning, James P. C., B.A.
Natural History, ...	Clements, Robert W., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Mac Gregor, William.	Henry, John.
Walker, William.	Ewing, William H.
M'Ilwaine, Robert.	Wilson, David.
Barniville, Richard T.	
Sloane, John.	
Rutledge, John G.	
Walker, Andrew J.	

SECOND YEAR.

Literary Division.	*Science Division.*
Entrican, Samuel W.	Bright, John S.
Flack, William T.	Thompson, William L.
Hanna, Robert K.	Thornton, Martin.
Scott, Frederick S.	
M'Cay, Charles.	

FIRST YEAR.

Literary Division.	*Science Division.*
Mills, John A.	Johnston, James.
Kernaghan, Thomas W.	Maybin, Hugh.
Neilson, Robert A.	Ryan, Hugh.
M'Elfatrick, Thomas A.	
Hewitt, Alfred G.	

Faculty of Law.

THIRD YEAR.

Conroy, John C.

SECOND YEAR.

Macnamara, Michael A.

FIRST YEAR.

Caldwell, John.

Digitized by Google

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ... Connolly, Thomas J., B.A.

FOURTH YEAR.

Clements, Joseph A. | Lyden, Martin F.

THIRD YEAR.

Downard, Thomas, B.A. | Nixon, John C.

SECOND YEAR.

Kirwan, James St. L. | Threlfall, Richard B.

FIRST YEAR.

Literary Division. Montgomery, Alexander W.

Science Division. Nicholson, William.

School of Engineering.

THIRD YEAR.

M'Cay, Daniel.

SECOND YEAR.

Slade, Cecil A.

FIRST YEAR.

Vance, James W. | Howley, Richard J.

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SESSION 1893-94.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	MacGregor, William, B.A.
Modern Languages and Modern History, ..	M'Ilwaine, Robert, B.A.
Mathematics, ...	M'Clelland, John A., M.A.
Natural Philosophy, ...	Henry, John, B.A.
Metaphysical and Economic Science, ..	Curry, Samuel, B.A.
Chemistry, ...	Walker, Andrew J.
Natural History, ...	Nixon, John C., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Entrican, Samuel W.	Bright, John S.
Flack, William T.	Thompson, William L.
Hanna, Robert K.	Thornton, Martin.
Scott, Frederick S.	
M'Cay, Charles.	

SECOND YEAR.

Literary Division.	*Science Division.*
Johnston, James.	Stuart, Thomas.
Mills, John A.	Ryan, Hugh.
Neilson, Robert A.	Burke, William.
Kernaghan, Thomas W.	Maybin, Hugh.
Bell, William H.	

FIRST YEAR.

Literary Division.	*Science Division.*
Reid, John.	Moody, James.
Norris, Joseph.	Watt, George.
Brown, Henry.	Lyons, Frederick W.
Strain, James K. C.	M'Kinley, David.
Roberts, Joseph A.	Orr, William R.

Faculty of Law.

THIRD YEAR.

Macnamara, Michael A.

SECOND YEAR.

Rice, James P.

FIRST YEAR.

M'Auliffe, Michael J.

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Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ... Allen, Robert, M.B.

FOURTH YEAR.

Downard, Thomas, B.A.

THIRD YEAR.

O'Malley, John F. | M'Manus, Michael.

SECOND YEAR.

Montgomery, Alexander W. | M'Kelvey, Thomas.

FIRST YEAR.

Literary Division.	*Science Division.*
Waters, Joseph J.	Paisley, William.

School of Engineering.

THIRD YEAR.

Walker, William.

SECOND YEAR.

Wilson, David. | Howley, Richard.

FIRST YEAR.

Carmichael, John S.

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SESSION 1894-95.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Entrican, Samuel W., B.A.
Special Prize, ...	Flack, William T., B.A.
Modern Languages and Modern History,	Hanna, Robert K., B.A.
Natural Philosophy, ...	Walker, William, B.A.
Metaphysical and Economic Science, ..	Keegan, David M., B.A.
Special Prize, ...	Mac Gregor, William, M.A
Chemistry, ...	Nixon, John C., B.A.
Natural History, ...	Montgomery, Alexander W.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Johnston, James.	Stuart, Thomas.
Mills, John A.	Ryan, Hugh.
Neilson, Robert A.	Burke, William.
Kernaghan, Thomas W.	Maybin, Hugh.
Bell, William H.	

SECOND YEAR.

Literary Division.	*Science Division.*
Reid, John.	Carmichael, John S.
Brown, Henry.	Lyons, Frederick W.
Strain, James K. C.	Moody, James.
M'Lean, Robert J.	Watt, George.
Farley, William J.	

FIRST YEAR.

Literary Division.	*Science Division.*
Hezlett, James M.	Rishworth, Frank S.
Curry, David S.	Hallidy, Robert J.
Fleming, George H.	Mills, William S.
Walker, Cuthbert F.	O'Dea, Simon.
Scott, Ernest F.	O'Flaherty, John F. M.

Faculty of Law.

SECOND YEAR.

Rutledge, John G., M.A.

FIRST YEAR.

M'Ilwaine, Robert, M.A.

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Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ... Allen, Robert, M.B.

FOURTH YEAR.

O'Malley, John F. | M'Manus, Michael.

THIRD YEAR.

Henry, Moses. | Corry, John G. } *equal.*
Keenan, John F., B.A. }

SECOND YEAR.

Paisley, William. | Hewitt, Alfred J.

FIRST YEAR.

Literary Division. | *Science Division.*
Keogh, William M. P. | Kerans, George C. L.

School of Engineering.

THIRD YEAR.

Wilson, David.

FIRST YEAR.

Gaston, James.

The Blayney Exhibition.

In Classics.

Johnston, James. | Mills, John A. (*proxime accessit*).

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SESSION 1895-96.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Mills, John A.
Mathematics, ...	Stuart, Thomas, B.A.
Natural Philosophy, ...	Maybin, Hugh, B.A.
Metaphysical and Economic Science, ...	*Johnston, James, B.A.
Chemistry, ...	Ryan, Hugh, B.A.
Natural History, ...	Neilson, Robert A.
Special Prize, ...	Clarke, John Andrew.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Reid, John.	Carmichael, John S.
Brown, Henry.	Lyons, Frederick W.
Strain, James K. C.	Moody, James.
M'Lean, Robert J.	Watt, George.
Farley, William J.	

SECOND YEAR.

Literary Division.	*Science Division.*
Hezlett, James M.	Rishworth, Frank S.
Watson, John.	†Hezlett, James M.
Walker, Cuthbert F.	Mills, William S.
Curry, David S.	Gaston, James.
Scott, Ernest F.	

FIRST YEAR.

Literary Division.	*Science Division.*
Booth, Samuel.	M'Lean, Andrew H.
Bailey, Alexander T.	Ebbitt, Richard.
Best, Robert.	Whitton, Joseph.
O'Hara, Valentine.	

Faculty of Law.

SENIOR EXHIBITION.

M'Namara, Michael J.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.	SECOND YEAR.	FIRST YEAR.
Rutledge, John G., M.A.	MacGregor, William, M.A.	Jones, James, M.A.

* Has gained an open Exhibition in Modern History at Merton Coll., Oxford.

† Ineligible, having obtained Scholarship in other division. Awarded a Special Prize.

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Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, .. Montgomery, Alexander W., B.A.

JUNIOR SCHOLARSHIPS.

FOURTH YEAR.

Carbery, Edward O. B.

SECOND YEAR.

Keogh, William M. P. | Kerans, George C. L.

FIRST YEAR.

Science Division.

Cawley, Patrick T. | Anderson, Joseph G.

School of Engineering.

SECOND YEAR.

Pearson, James D.

FIRST YEAR.

Fleming, George H.

The Blayney Exhibition.

In Classics.	*In Science.*
Reid, John.	Carmichael, John S.

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SESSION 1896–97.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Reid, John.
Special Prize, ...	Kernaghan, Thomas W., B.A.
Mathematics, ...	Lyons, Frederick W., B.A.
Natural Philosophy, ...	Ryan, Hugh, B.A.
Metaphysical and Economic Science, ..	Strain, James K. C., B.A.
Natural History, ...	Mills, John A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Hezlett, James M.	‡ Rishworth, Frank S.
Watson, John.	† Hezlett, James.
Walker, Cuthbert F.	Mills, William S.
Currie, David S.	Gaston, James.
Scott, Ernest F.	

SECOND YEAR.

Literary Division.	*Science Division.*
Booth, Samuel.	Hallidy, Robert J.
Barr, Andrew.	M'Lean, Andrew H.
Best, Robert.	
Bailey, Alexander T.	
O'Hara, Valentine.	

FIRST YEAR.

Literary Division.	*Science Division.*	
* Warnock, William.	* Warnock, William.	
Clarke, Margaret.	Perry, Samuel.	
Simpson, William A.	Renshaw, John W.	
Aimers, Margaret M.	Moore, William I.	
† Renshaw, John W.	Brennan, Thomas.	} *equal.*
Bodkin, Leo F.	Mann, Samuel.	} *equal.*

Faculty of Law.

SENIOR EXHIBITION.

Rutledge, John G., M.A.

---

* Having obtained *First* place in both divisions, retains both Scholarships.

† Ineligible, having obtained Scholarship in other division.

‡ Resigned.

Digitized by Google

Faculty of Law—*continued.*

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Mac Gregor, William, M.A.

SECOND YEAR.

Jones, James, M.A.

FIRST YEAR.

Kernaghan, Thomas W., B.A.

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ... Paisley, William.

JUNIOR SCHOLARSHIPS.

FOURTH YEAR.

* Paisley, William. | Hewitt, Alfred J.

THIRD YEAR.

Keogh, William M. P. | Neilson, Robert A.

SECOND YEAR.

Cawley, Patrick T. | Anderson, Joseph G.

FIRST YEAR.

Literary Division.	*Science Division.*	
Walsh, Thomas.	Sandys, William A.	*equal.*
	Clements, John.	*equal.*

School of Engineering.

THIRD YEAR.

Carmichael, John S.

SECOND YEAR.

Fleming, George H. | Rishworth, Frank S.

The Blayney Exhibition.

Classics, ... Hezlett, James.

---

* Resigned.

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SESSION 1897–98.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Farley, William J., B.A.
Modern Languages, Modern History, ...	Watson, John, B.A.
Natural Philosophy, ...	Hezlett, James M., B.A.
Metaphysical and Economic Science, ..	Curry, David S.
Chemistry, ...	Mills, William S.
Natural History, ...	Scott, Ernest F.

SENIOR EXHIBITION.

Modern Language and Modern History, .. Walker, Cuthbert F., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Barr, Andrew.	Walsh, Thomas.
Booth, Samuel.	Hallidy, Robert J.
Bailey, Alexander T.	McLean, Andrew H.
Clarke, John A.	

SECOND YEAR.

Literary Division.	*Science Division.*
* Warnock, William.	* Warnock, William.
Clarke, Margaret.	Moore, William I.
Aimers, Margaret M.	Mann, Samuel.
Simpson, William A.	Renshaw, John W.
Bodkin, Leo F.	

FIRST YEAR.

Literary Division.	*Science Division.*
* Strain, Thomas G.	* Strain, Thomas G.
Williams, William J.	Cummins, Robert J.
McCausland, Joseph.	Hall, John.
O'Gorman, Andrew.	Bailey, Robert.
O'Flynn, Michael J.	

SCHOLARS.

Faculty of Law.

SENIOR EXHIBITION.

MacGregor, William, M.A., LL.B.

* Having obtained *First* place in both divisions, retains both Scholarships.

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JUNIOR SCHOLARSHIPS.

SECOND YEAR.

John T. Monahan.

Faculty of Medicine.

SENIOR EXHIBITION.

Anatomy and Physiology, ... Hewitt, Alfred J.

JUNIOR SCHOLARSHIPS.

FOURTH YEAR.

Kerans, George C. L.

THIRD YEAR.

Cawley, Patrick T. | Anderson, Joseph G.

SECOND YEAR.

* Walsh, Thomas.
Richards, Henry E. S. | Sandys, William A.

FIRST YEAR.

Literary Division.
† Forde, Dudley.
Dee, James.

Science Division.
Forde, Dudley.

School of Engineering.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Rishworth, Frank S.

SECOND YEAR.

Whitton, Joseph.

FIRST YEAR.

Emerson, Richard G.
Hamilton, Thomas.

The Blayney Exhibition.

Science, ... McLean, Andrew H.

---

* Ineligible, having obtained an Arts Scholarship of the Third Year Science Division.

† Ineligible, having obtained a Scholarship in the Science Division.

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SESSION 1898-99.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Ancient Classics, ...	Booth, Samuel.
Natural Philosophy, ...	M'Lean, Andrew H.
Natural History, ...	Walsh, Thomas.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
Rea, Thomas.	Moore, William I.
Clarke, Margaret.	Whitton, Joseph.
Aimers, Margaret M.	
* Simpson, William A.	

SECOND YEAR.

Literary Division.	*Science Division.*
†Strain, Thomas G.	†Strain, Thomas G.
M'Causland, Joseph.	Perry, Samuel.
Williams, William J.	Hall, John.
M'Grath, Edward H.	
O'Gorman, Andrew.	
O'Flynn, Michael J.	

FIRST YEAR.

Literary Division.		*Science Division.*
Warnock, James.		Cole, James A.
Porterfield, Samuel.	*equal.*	‡ Warnock, James.
O'Neill, Joseph J.		M'Lachlan, Robert B.
Lydon, Patrick J.		
M'Feeters, Robert J.		
Daly, Emily D. M.		
M'Conaghy, John.		
Gailey, William.		

Faculty of Law.

JUNIOR SCHOLARSHIPS.

FIRST YEAR.

Bodkin, Leo F.

---

* Ineligible, having obtained a Medical Scholarship of the First Year —Science Division.

† Having obtained *First* place in both divisions, retains both Scholarships.

‡ Ineligible, having obtained a Scholarship in the Literary Division.

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Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ... Anderson, Joseph G.

JUNIOR SCHOLARSHIPS.

FOURTH YEAR.

* Anderson, Joseph G. | Mills, John A., B.A.

THIRD YEAR.

Richards, Henry E. S. | Scott, Ernest F.

SECOND YEAR.

Warnock, William. | Best, Robert.

FIRST YEAR.

Literary Division.	*Science Division.*
Burke, Henry J.	Simpson, William A.

School of Engineering.

SENIOR SCHOLARSHIP.

Hall, Arthur A., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Mills, William S., B.A.

SECOND YEAR.

Cummins, Robert J. | Burden, William M'C.

The Blayney Exhibition.

Classics, ... Williams, William J.

---

* Ineligible, having obtained the Senior Scholarship in Anatomy and Physiology.

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SESSION 1899–1900.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Modern Languages and Modern History, ..	Aimers, Margaret M.
Natural Philosophy, ...	Moore, William Irwin, B.A.
Metaphysical and Economic Science, ..	Bodkin, Leo F.
Chemistry, ...	Walsh, Thomas, B.A.
Natural History, ...	Best, Robert.

SENIOR EXHIBITION.

Modern Languages and Modern History, .. Clarke, Margaret.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
M'Grath, Edward H.	Strain, Thomas G.
Williams, William J.	Cummins, Robert J.
O'Gorman, Andrew.	

SECOND YEAR.

Literary Division.	*Science Division.*
O'Neill, Joseph J.	Warnock, James.
Porterfield, Samuel.	Cole, James A.
* Warnock, James.	Walsh, Peter.
Lydon, Patrick J.	M'Lachlan, John S.
Lyons, James A.	Ebbitt, Richard W.
Reid, Patrick.	

FIRST YEAR.

Literary Division.	*Science Division.*
Heaslett, George H.	Bell, Gilmore.
Morrison, William J.	Maxwell, George.
Kenny, Patrick J.	Rutherford, Robert G.
Steinberger, Cecil L. M.	* Kenny, Patrick J.
Perry, Margaret.	* Morrison, William J.
	Mullery, Edward W.
	Angus, Samuel.

Faculty of Law.

JUNIOR SCHOLARSHIP.

FIRST YEAR.

M'Mullan, Hugh S., M.A.

* Ineligible, having obtained Scholarship in other division.

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Faculty of Medicine.

SENIOR SCHOLARSHIP IN ANATOMY AND PHYSIOLOGY.

Richards, Henry E. S.

SENIOR EXHIBITION.

Sandys, William A.

JUNIOR SCHOLARSHIPS.

FOURTH YEAR.

* Sandys, William A. | Clements, John.

THIRD YEAR.

Warnock, William. | Forde, Dudley.

SECOND YEAR.

Simpson, William A. | O'Flynn, Michael J.

FIRST YEAR.

Literary Division.	*Science Division.*
Byrne, James.	Flack, James.

School of Engineering.

SENIOR SCHOLARSHIP.

Whitton, Joseph, B.E.

SENIOR EXHIBITION.

Hardiman, James C.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

†Cummins, Robert J. | Mann, Samuel.

SECOND YEAR.

O'Hara, Donald J. | Mairs, William C.

FIRST YEAR.

Roseingrave, Thomas W. | Rutledge, Patrick V.

The Blayney Exhibition.

Science, ... Strain, Thomas G.

The "Dr. and Mrs. W. A. Browne" Scholarship.

Steinberger, Cecil L. M.

The answering of Mr. Edward H. M'Grath was very favourably reported on by the Examiner.

* Ineligible, having obtained a Senior Exhibition.

† Ineligible, having obtained a Scholarship in Arts of the Third Year (Science Division).

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SESSION 1900–1901.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

English, Modern Languages, and Modern History, ...	Rea, Thomas, M.A.
Metaphysics and Political Science, ..	Williams, William J.
Natural History, ...	M'Causland, Joseph.

SENIOR EXHIBITIONS.

Ancient Classics, ...	O'Gorman, Andrew.
English, Modern Languages, and Modern History, ...	M'Grath, Edward H.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.	*Science Division.*
O'Neill, Joseph J.	Warnock, James.
Lydon, Patrick J.	M'Lachlan, Robert B.
Reid, Patrick.	Flack, James. } equal.
	Hall, John. }
	Cole, James A.

SECOND YEAR.

Literary Division.	*Science Division.*
Angus, Samuel.	Bell, Gilmore.
Steinberger, Cecil L. M.	Rutherford, Robert J.
Kenny, Patrick J.	
Perry, Margaret.	
Brash, Robert.	
Morrison, William J.	

FIRST YEAR.

Literary Division.	*Science Division.*
Thompson, Frances L.	Perry, Agnes M.
Minnis, Samuel.	Clarke, Rosalind.
*Clarke, Rosalind.	Compton, Arthur J. W.
O'Brien, Michael.	Philpott, Nicholas C.
Walsh, Patrick M.	*O'Brien, Michael.
	Duncan, Robert M.

* Ineligible, having obtained Scholarship in other division.

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Faculty of Law.

JUNIOR SCHOLARSHIP.

FIRST YEAR.

Turner, Alexander K.

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology.—Walsh, Thomas, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Simpson, William A. | O'Flynn, Michael J.

SECOND YEAR.

Porterfield, Samuel. | Shanklin, John G.

FIRST YEAR.

Literary Division. | *Science Division.*

Cusack, Patrick J. | Byrne, Francis P.

School of Engineering.

SENIOR SCHOLARSHIP.

Cummins, Robert J., B.E.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Mairs, William C.

SECOND YEAR.

M'Lachlan, John S. | Moore, John A.

FIRST YEAR.

Watson, Edwin.

The "Blayney" Exhibition.

O'Neill, Joseph J.

The "Dr. and Mrs. W. A. Browne" Scholarship.

Steinberger, Cecil L. M.

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GRADUATES.

Adair, James J., ...	B.A. 1858; M.D. 1861.
Adams, Archibald, ...	M.D., M.CH. 1872.
Adams, David O., ...	B.A. 1873; M.A. 1882.
e Adams, John A., ...	B.A. 1888; M.B., B.CH., B.A.O. 1890.
c Agnew, Samuel, ...	B.A. 1868; M.D. 1871; M.CH., Dip. Obs. 1872; M.A. 1882.
e Aimers, Margaret M., ...	B.A. 1900.
Allen, Alfred, ...	M.D., M.CH., Dip. Obs. 1876.
Allen, Robert, ...	M.B., B.CH., B.A.O. 1893.—Demonstrator of Anatomy, Queen's College, Galway; Travelling Medical Scholar, Royal Univ. of Ireland, 1894; Studentship in Pathology R.U.I. 1900.
a Allen, William, ...	M.D., M.CH., Dip. Obs. 1877.—Demonstrator of Anatomy, Univ., Glasgow.
Ambrose, Daniel, ...	M.D. 1865.
Ambrose, Robert, ...	B.A. 1876.
a Anderson, Alexander, ...	B.A. 1880; M.A. 1881.—Late F.R.U.I., late Fellow S.S. Coll. Camb., Professor of Natural Philosophy, Queen's College, Galway.
Anderson, Edward, ...	M.D. 1867.
e Anderson, Joseph R., ...	B.A. 1878; M.A. 1882.
c Andrews, John, ...	M.D., M.CH. 1883.
Armstrong, Thomas M., ..	M.D. 1869.
e Arnold, Pierce, ...	B.A. 1856; M.A. 1882.
a Atkinson, Rt. Hon., John, ..	B.A. 1861; LL.B. 1865; M.A., LL.D. 1882; Q.C.; Bencher of the Honourable Society of King's-Inns, Dublin; Attorney-General for Ireland; P.C.
Atkinson, Miles H. C., ...	M.D. 1879; M.CH. 1880.
Atkinson, William, ...	M.D. 1879.
Atock, Arthur, ...	M.D. 1885; M.CH. 1886; B.A.O. 1888.
Atock, Martin H., ...	M.D., M.CH. 1882; B.A.O. 1889.
Bacon, Theophilus, ...	M.D., M.CH. 1878.
e Bain, John A., ...	B.A. 1880; M.A. 1882.
a Barker, Alexander A., ...	B.E. 1877; M.E. 1882.
Barnes, Leopold J. J., ...	M.D. 1869.
Barr, Andrew, ...	B.A. 1899.
Bartley, William., ...	M.D., M.CH. 1884; B.A.O. 1890.
a Bateman, Richard C., ...	B.A. 1857; M.A. 1882.
Beattie, Charles J., ...	M.B., B.CH., B.A.O. 1889.
Beattie, Robert, ...	M.D., M.CH. 1876; Dip. Obs. 1879.

a With First Honours. *c* Naval Medical Service. *e* With Second Honours.

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Beattie, Robert A., ... B.A. 1891.
Beatty, John, ... B.A. 1893.
Beatty, John W., ... M.D. 1879.
Bell, James, ... B.A. 1888.
Bell, Robert, ... M.D., M.CH. 1884.
Binns, Edmund T., ... B.A. 1892; B.E. 1893.
a Binns, Henry A., ... B.E. 1883.
d Binns, William N., ... B.E. 1888.
b Black, John G., ... M.D., Dip. Obs. 1881; M.CH. 1882.
Bligh, John, ... M.D., M.CH. 1865.
b Blood, Robert, ... M.D., M.CH. 1871.
Booth, Samuel, ... B.A. 1899.
Bournes, William H., ... M.D. 1859.
Boycott, W. Douglass, ... B.A. 1883.
Boyd, Robert J., ... M.D., M.CH. 1886; B.A.O. 1890.
Bradshaw, George B., ... Dip. Agric. 1857.
Breen, John, ... B.A. 1857.
Breen, Michael, ... B.A. 1857; M.D. 1861.
Bright, John S., ... B.A. 1895.
b Brodie, James F., ... M.D., M.CH., Dip. Obs. 1876.
e Brooke, John, ... B.A. 1867; M.A. 1870.
a Brooke, William, ... B.A. 1867; M.D. 1874; M.A. 1882.
c Browmlow, Thomas D., ... M.D. 1863.
Brown, Henry, ... B.A. 1897.
e Brown, John I., ... B.A. 1879; M.A. 1882.
a Brown, William, ... B.A. 1879; M.A. 1882; LL.B. 1887.
Browne, Andrew, ... M.D. 1864.
Browne, David, ... B.A. 1891; M.A. 1893.
e Browne, William A., ... B.A. 1853; M.A. 1882.
Bryant, William V., ... B.A. 1900.
Buchanan, L. Dobbin, ... M.D. 1861.
Buckley, Thomas, ... B.A. 1882; LL.B. 1889.
c Bunton, Christopher L. W., .. M.B., B.CH., B.A.O. 1891.—Demonstrator, Queen's Coll., Galway.
Burke, Edward, ... B.E. 1870.
Burke, John, ... B.A. 1865; M.D. 1872.
Burke, John P., ... M.D. 1861.
b Burke, John R., ... M.D. 1861.
Burke, Martin J., ... B.A. 1858; M.D. 1859.
a Burke, Michael J., ... B.A. 1863; M.D. 1867.
b Burkitt, James P., ... B.A. 1891; B.E. 1892; County Surveyor of Fermanagh.

e Cairnes, John E., ... B.A. 1887; M.A. 1889.
Caldwell, William H., ... M.D., M.CH., Dip. Obs. 1880.
a Campbell, James A., ... B.A. 1879; M.A. 1882.
c Carbery, Edward O. B., .. M.B., B.CH., B.A.O. 1897.
Card, David, ... B.A. 1887.

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a With First Honours. *b* Army Medical Service.
c Naval Medical Service.
d Harbour Engineer and Borough Surveyor of Galway.
e With Second Honours.

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	Card, William, ...	B.A. 1886.
	Carey, Patrick, ...	B.A. 1868.
a	Carmichael, John S., ...	B.A., B.E. 1897.
a b	Carpenter, William, ...	M.D. 1862.
	Carroll, Henry, ...	B.A. 1884.
	Carroll, James, ...	M.D., M.CH. 1883; B.A.O. 1889.
	Carroll, Richard, ...	M.D. 1862.
	Carroll, William S., ...	M.B., B.CH., B.A.O. 1895.
	Charlton, Robert J., ...	B.A. 1887.
a	Chestnutt, Joseph W., ...	B.A. 1860; M.D. 1865; M.A. 1882.
e	Clancy, John J., ...	B.A. 1866; M.A. 1868; B.L. (Ir.); M.P.
	Clarke, John A., ...	B.A. 1898.
a	Clarke, Margaret, ...	B.A. 1900.
e	Clarke, Samuel B., ...	B.A. 1880; M.A. 1882.
	Clarke, Thompson R., ...	M.D., M.CH. 1866.
	Clarke, William, ...	B.A. 1859.
	Clarke, William A., ...	B.A. 1886; LL.B. 1890.
	Clements, Francis H., ...	M.B., B.CH., B.A.O. 1892.
	Clements, Joseph A., ...	M.B., B.CH.. B.A.O. 1895.
	Clements, Robert W., ...	B.A. 1894; M.B., B.CH., B.A.O. 1895.
	Clements, Robert, ...	M.D. 1873; Medical Inspector Local Government Board (Ireland).
b	Climo, William H., ...	M.D. 1860.
	Clinch, Patrick J., ...	B.E. 1882.
	Coates, George J., ...	M.D., M.CH., Dip. Obs. 1880.
	Coates, William, ...	M.D., M.CH., Dip. Obs. 1876; M.A.O. 1887.
b e	Colahan, John, ...	M.D. 1857.
	Colahan, Nicholas W., ...	M.D., M.CH. 1872.—Professor of Materia Medica, Queen's College, Galway.
c	Colahan, William H. W., ..	M.D., M.CH. 1870.
b	Comerford, Henry, ...	M.D., M.CH. 1865.
a	Concannon, Patrick, ...	B.A. 1871; M.A. 1874.
e	Condon, Daniel E., ...	B.E. 1879; M.E. 1882.
e	Connolly, Thomas J., ...	B.A. 1891; M.B., B.CH., B.A.O. 1893.
	Conolly, James, ...	B.A. 1858; M.D. 1866.
e	Conolly, Patrick W., ...	B.A. 1861; M.A. 1865.—Civil Service of Ceylon, Second place.
	Considine, P. Oswald, ...	M.D. 1878.
c	Conway, John K., ...	M.D. 1866.
a	Copithorne, James G., ...	B.A. 1879; M.A. 1882.
a	Corley, Anthony H., ...	M.D. 1863; D.SC. *Honoris Causa*, 1882.
	Corry, John G., ...	M.B., B.CH., B.A.O. 1897.
	Costello, Michael J. B., ...	M.B., B.CH., B.A.O. 1891.
	Costello, Thomas B., ...	M.D., B.CH., B.A.O. 1888.
	Craig, Samuel R., ...	B.A. 1869.
	Crean, Martin J., ...	M.D. 1857.

a With First Honours. *c* Naval Medical Service.
b Army Medical Service. *e* With Second Honours.

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Creighton, Robert W., ... B.E. 1883.
e Croke, J. O'Byrne, ... B.A. 1871; M.A. 1874.
Crone, Alexander, ... B.A. 1877.
Crooks, William, ... B.A. 1865.
Crotty, Richard D., ... B.A. 1861; Resident Magistrate.
Crowley, Patrick, ... M.B., B.CH., B.A.O. 1890.
Cullin, Henry C., ... B.A. 1871.
e Cummins, Robert J., ... B.E. 1900.
Cuningham, John S. A., .. M.D. 1866.
e Cunningham, William, ... B.A. 1861; M.A. 1882.
Cuppage, William B., ... M.D., M.CH. 1871; Dip. Obs. 1877.
Curry, David S., ... B.A. 1898.
a Curry, Samuel, ... B.A. 1893.

Daly, John H. C., ... M.B., B.CH., B.A.O. 1897.
e Davidson, Andrew G., ... B.A. 1887.
Davies, W. Naunton, ... M.D. 1880; M.CH., Dip. Obs. 1881.
b Davis, John N., ... M.D. 1862.
Davis, John W., ... M.D. 1869.
Davis, William, ... M.D. 1874; M.CH. 1875.
Davy, Alfred, ... Dip. Eng. 1867; M.D. 1870; B.E. 1882.
b Davy, Francis A., ... M.D. 1867.
Davys, Frank, ... B.A. 1858.
e Daxon, William, ... M.D. 1862.—Resident Physician, District Asylum, Ennis.
e Deane, Henry, ... B.A. 1865; M.A. 1882; Engineer-in-Chief of Railways under the Government, Victoria (Australia).
Deans, John, ... B.A. 1890.
Deans, William, ... B.A. 1891.
c Delmege, Alfred G., ... M.D. 1868.
b Delmege, J. P. De G., ... M.D. 1862.
Dempsey, Alexander, ... M.D. 1874.
e Dick, James, ... B.A. 1864; M.A. 1866.
Dick, John, ... M.D. 1869.—Surgeon, Mount Ida District Hospital, Otago, New Zealand.
b Dickenson, Frederick F., .. M.D. 1863.
Dickey, Samuel, ... M.D., M.CH., Dip. Obs. 1879.
Dickson, John D., ... M.D., M.CH., Dip. Obs. 1876.
Divers, Edward, ... M.D. 1860; D.SC. *Honoris Causa*, 1897; F.R.S. — Professor of Chemistry in the Imperial University, Japan.
a Dobbyn, John S., ... M.D. 1875.
a Dodds, Robert, ... B.A. 1878; M.A. 1879.
Dooley, John L., ... B.A. 1873.

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a With First Honours.
b Army Medical Service.
c Naval Medical Service.
e With Second Honours.

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	Dooley, Michael S., ...	B.A. 1865; Dip. Eng. 1865; M.E. 1882.—Telegraph Department, India.
	Dougan, George, ...	M.D., M.CH., Dip. Obs. 1875.
	Dowling, Jeremiah J., ...	B.A. 1853; M.D. 1858.
	Dowling, Patrick A. S., ...	B.A. 1895; B.E. 1898.
e	Downard, Thomas, ...	B.A. 1890; M.B., B.CH., B.A.O. 1898.
	Doyle, Peter John, ...	M.D. 1883.
e	Drummond, Michael, ...	B.A. 1869; M.A. 1870.—Q.C. (Ir.)
	Drury, Richard J., ...	B.A. 1869; M.D. 1873; Dip. Obs 1874.
b	Drury, Robert, ...	M.D. 1870.
e	Duffy, Francis, ...	M.D. 1864; M.CH. 1865.
a	Duggan, Charles W., ...	B.A. 1852; M.A. 1853.—Inspector National Schools.
	Duke, Alexander W., ...	M.D. 1867.
	Dundee, Isaac C., ...	B.A. 1874; M.D. 1877; M.CH. 1878.
	Dwyer, Peter J., ...	M.D. 1869.
a	Eagleton, John F., ...	M.B., 1885; M.CH. 1886.
	Eaton, Richard, ...	M.D. 1855.—Resident Physician, Asylum, Ballinasloe.
e	Eaton, Thomas, ...	B.A. 1868; M.A. 1871.
	Edge, John D., ...	M.D. 1870.
e	Ekin, Edward, ...	B.A. 1880; M.A. 1881.
	Eldon, Joseph, ...	M.B., B.CH., B.A.O. 1889; M.D., M.CH. 1895.
	Emerson, T. Gilbert, ...	M.D., M.CH. 1875.
	Emerson, Thomas, ...	B.A. 1891.—Civil Service of India,
	England, William G., ...	B.A. 1880; B.L. (Ir.)
e	Entrican, Samuel W., ...	B.A. 1894; M.A. 1896.
	Evans, Isaac Rennison,	B.A. 1885.
	Evans, John, ...	B.A. 1852.
b	Evatt, George G. J. H., ..	M.D. 1863.
	Evatt, Humphrey, ...	B.A. 1859. — Surveyor-General, Sierra Leone.
	Fairbrother, Jacob, ...	M.D., M.CH. 1884.
a	Falkiner, George A., ...	B.E. 1871; M.E. 1882.
e	Falkiner, Richard D., ...	Dip. Eng. 1861; M.E. 1882.—Engineer, Public Works of India.
	Farley, William J., ...	B.A. 1896.
e	Farrelly, Michael J., ...	B.A. 1876; M.A. 1882; LL.B. 1890; LL.D. 1892; B.L. (Ir.)—Formerly Member of Senate of the Royal University.
	Farrelly, Thomas, ...	M.D, M.CH. 1883.
	Feeny, Dominick, ...	B.A. 1863.

a With First Honours.
b Army Medical Service.
e With Second Honours

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b Ferguson, Frederick, ...	M.D. 1862.
Finnucane, Thomas E., ...	B.E. 1889.
e Fisher, John M., ...	B.E. 1875; M.E. 1882.
Fisher, Joseph R., ...	B.A. 1876; B.L. (Eng.)
Fitzgerald, Gerald H., ...	M.D. 1874; M.CH. 1875.
e Fitzpatrick, John, ...	B.A. 1868; M.A. 1869.
c Fitzpatrick, Joseph A., ...	M.D., M.CH. 1865.
Fitzsimon, C. Collingwood, ..	M.D., Dip. Obs. 1875.
e Flack, William T., ...	B.A. 1894; M.A. 1900.
a Flatley, William P., ...	B.E. 1880; M.E. 1882.
Fleming, George H., ...	B.E. 1899.
Fleming, William, ...	M.D. 1871; M.CH. 1872.
Flood, John C., ...	M.D., M.CH., Dip. Obs. 1875.
Foley, Charles H., ...	M.B., B.CH., B.A.O. 1893.
Foley, Thomas H., ...	M.B., B.CH., B.A.O. 1890.
a Forde, Patrick F., ...	B.A. 1854; M.A. 1856.
Forde, Michael J., ...	M.B., B.CH., B.A.O. 1900.
Foreman, Robert L., ...	B.A. 1864.—Civil Service of India.
Forman, William J., ...	B.A. 1876.
a Forsyth, Samuel M'C., ...	B.A. 1865; M.A. 1882.
Forsythe, Anderson, ...	B.A. 1869; M.D. 1871.
e Foy, Alexander R., ...	B.A. 1881; M.A. 1882.
d French, John G., ...	M.D., M.CH. 1870.—First Place, Indian Medical Service.
a Freyer, John, ...	B.A. 1882.
ad Freyer, P. Johnson, ...	B.A. 1872; M.D., M.CH., Dip. Obs. 1874; M.A. 1882.—First Place, Indian Medical Service.
Freyer, Samuel, ...	B.A. 1884.
e Gahan, Charles J., ...	B.A. 1881; M.A. 1882.
Gahan, Garner, ...	B.A. 1878.
Gailey, Andrew, ...	B.A. 1889.
Gailey, John, ...	B.A. 1882.
Gallagher, Stephen G., ...	B.E. 1896.
e Gannon, William J., ...	B.A. 1889; M.A. 1892.—Elected to Science Research Scholarship by H.M. Exhibition (1851) Commissioners; Lecturer, the Owens College, Manchester; Head Master of the Municipal School of Science, Stafford; Science Master and Inspector to the Staffordshire County Council.
Garry, Thomas G., ...	M.D., M.CH., Dip. Obs. 1883; M.A.O. 1886.
e Gaston, James, ...	B.A., B.E. 1897.
Geoghegan, A. Osmond, ..	M.D. 1878; M.CH. 1879.
Geoghegan, F. Meagher, ..	M.D. 1876.

a With First Honours. *c* Naval Medical Service.
b Army Medical Service. *d* Indian Medical Service.
e With Second Honours.

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Gibson, William W., ...	M.D. 1881; M.CH. 1882.
Gilchrist, Andrew, ...	B.A. 1891.
Gill, Peter T., ...	B.A., B.E. 1897.
e Gillespie, George, ...	B.A. 1884; M.A. 1885.
Gillespie, James J., ...	B.A. 1880.
Gillespie, Michael, ...	B.A. 1867; M.D. 1872, M.CH., Dip. Obs. 1873.
Gillespie, William H., ...	B.A. 1889; M.A. 1890.
e Glover, R. Francis, ...	B.A. 1869; M.A. 1882.
a Glover, R. Stephen, ...	B.E. 1869; M.E. 1882.
Glynn, John, ...	M.D. 1883.
Gordon, John, ...	B.A. 1873; LL.B. 1876; LL.D. 1882.—Q.C. (Ir.)
b Gore, Albert A., ...	M.D. 1860.
c Gorham, Anthony, ...	M.D. 1866.—Fleet-Surg. R.N.
e Gorham, James J., ...	B.A. 1872; M.D., M.CH., Dip. Obs. 1875; M.A. 1882.
Gorham, John, ...	B.A. 1877.
Gormley, John, ...	B.A. 1861.
b Gormley, Joseph A., ...	M.D., M.CH. 1873.
b Gouldsberry, V. Skipton, ..	M.D. 1862.
Graham, George, ...	M.B., B.CH., B.A.O. 1900.
Grealy, John, ...	B.A. 1861.
Green, Joseph J., ...	B.A. 1862.
Greenfield, John K., ...	B.A. 1875.
Greenway, Alfred G., ...	M.D. 1870; M.CH. 1895.—House Physician, General Hospital, Birmingham.
Gregg, Andrew C., ...	B.A. 1886.
Gregory, William J., ...	M.B., B.CH., B.A.O. 1889.
Griffin, John, ...	B.A. 1863.
e Griffin, Thomas, ...	B.A. 1867; M.A. 1882.
Griffith, William, ...	B.A. 1860.
a Hackett, Edward A., ...	B.E. 1880; M.E. 1882.—County Surveyor of Tipperary.
ab Hackett, Robert I. Dalbey, ..	B.A. 1877; M.D., M.CH. 1880; M.A. 1882.
e Hall, Arthur A., ...	B.A. 1898; B.E. 1899.
Hall, Charles B., ...	M.D. 1878; M.CH. 1880.
e Hall, Thomas Andrew, ...	B.E. 1888; B.A. 1889.
e Hallidy, Robert J., ...	B.E., B.A. 1898.
Hamilton, James, ...	M.B., B.CH., B.A.O. 1889.
Hamilton, James, ...	M.D., M.CH., Dip. Obs. 1875.
Hamilton, Samuel, ...	B.A. 1889; M.B., B.CH., B.A.O. 1891.
Hanly, Edward, ...	M.D., M.CH. 1879.
e Hanly, John J., ...	B.A. 1880; M.A. 1881.
Hanly, Joseph F., ...	B.E. 1897.
e Hanna, James, ...	B.A. 1874; M.A. 1876.

a With First Honours. *c* Naval Medical Service.
b Army Medical Service. *e* With Second Honours.

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c Hanna, Robert K., ...	B.A. 1894.
b Hanrahan, James J., ...	M.D. 1864.
Hardiman, James, ...	Dip. Agric. 1853.
Hardiman, James J., ...	B.A., B.E. 1900.
Hare, Gustavus J. C., ...	B.A. 1863; M.A. 1865.
Harkin, James C., ...	M.B., B.CH., B.A.O. 1889.
Harper, Henry, ...	M.D. 1881.
Harrington, Denis, ...	M.D., M.CH., Dip. Obs. 1877.
a Harrison, John H., ...	B.A. 1870; M.A. 1872.—Civil Service of India.
Harrison, Thomas, ...	B.A. 1892.
Hart, James C., ...	B.A. 1858.
c Haslam, George J., ...	M.D. 1880.
c Hayes, John C., ...	B.A 1892.
Hayes, John S., ...	M.D. 1875.
Hayes, Patrick, ...	B.A., B.E. 1890.
Heany, James H., ...	M.B., B.CH., B.A.O. 1890.
Hegan, Edwin, ...	M.B., B.CH., B.A.O. 1891.
Hegarty, John, ...	M.D., M.CH. 1872.
a Henderson, John, ...	B.A. 1878; M.A. 1882.
Henderson, Robert W., ...	M.D., M.CH. 1883.
Henderson, S. Dunlop, ...	M.D., M.CH. 1882.
c Henderson, Thomas, ...	B.A. 1877; M.A. 1882.
a Henry, Augustine, ...	B.A. 1877; M.A. 1878.—Consular Med. Service, China.
c Henry, Joseph, ...	M.D. 1874.
Henry, John W. R., ...	B.A. 1857.
c Henry, Moses, ...	B.A. 1886; M.A. 1888.
Henry, Moses, ...	M.B., B.CH., B.A.O. 1897.
a Henry, William E., ...	B.A. 1869; M.A. 1870.—President, Wesleyan Coll., St. John's, N.B.
a Henry, John, ...	B.A. 1893; M.A. (with Special Prize) 1894; B.E. 1895.—Elected to Science Research Scholarship by H. M. Exhibition (1851) Commissioners, 1896; Demonstrator of Physics, Queen's College, Galway; Junior Fellowship in Natural Philosophy, R.U.I., 1899.
Heuston, Francis T., ...	M.CH., M.D. 1878.—Professor of Anatomy, Royal College of Surgeons in Ireland; Consult-Surgeon to the Coombe Lying-In Hospital, Dublin; Consulting Surgeon to the Cripples' Home, Bray; Surgeon to the Adelaide Hospital, Dublin; Member of the Council, Royal College of Surgeons in Ireland.

a With First Honours. *c* With Second Honours.
b Army Medical Service.

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Hewitt, David W., ...	M.B., B.CH., B.A.O. 1895.
e Hezlett, James M., ...	B.A. 1897; Demonstrator of Physics, Queen's College, Galway; Civil Service of India.
b Hickman, Arthur, ...	M.D. 1880.
a Hickman, James, ...	B.A. 1874; M.A. 1877.
Hickman, William, ...	M.D., M.CH. 1872.
e Hilton, Hugh, ...	B.A. 1889.
b Hinds, William R. G., ...	M.D. 1863.
e Hoctor, William F., ...	B.A. 1866; M.A. 1882.
Hogg, T. Simpson, ...	B.A. 1883.
Holland, John J., ...	M.D., M.CH., Dip. Obs. 1872.
Holmes, Arthur P., ...	M.D. 1859.
Holmes, Robert A. K., ...	B.A. 1866; M.D. 1870; M.A. 1882.
a Hooper, Charles J., ...	B.A. 1855; M.A. 1856; LL.B. 1858; LL.D. 1862.
Hooper, Robert, ...	M.D. 1861.
Horkan, Peter Joseph, ...	M.D., M.CH. 1884.
Houston, James D. C., ...	B.A. 1872.
a Huey, John, ...	B.A. 1868; M.A. 1869.
Huggard, William R., ...	M.D., M.CH. 1875; B.A. 1876; M.A. 1879.
b Hughes, John H., ...	M.D. 1863.
e Hughes, Patrick J., ...	B.A. 1853; M.A. 1882.—Consular Service of China.
e Hughes, William, ...	B.A. 1866; Dip. Eng., 1867; M.A., M.E. 1882.—Engineer, Public Works of India.
a Hume, George A., ...	B.A. 1878; M.A. 1879; LL.B. 1880; LL.D. 1882; B.L. (Ir.)
a Humphreys, John, ...	B.A. 1890.
a Hunter, Charles W., ...	B.A. 1877; M.A. 1879.
Hunter, Charles H., ...	B.A. 1893.
c Hurley, Francis B., ...	B.A. 1856; M.D. 1860.
e Hurley, Patrick, ...	B.A. 1862; M.A. 1882.—Civil Service of India.
e Hutchinson, James, ...	M.D. 1861.
Hynes, Michael, ...	Dip. Eng. 1859; B.E. 1882.
Hynes, Mortimer, ...	M.B., B.CH., B.A.O. 1895.
Ievers, Robert W., ...	B.A. 1870; M.A. 1882.—Ceylon Civil Service, First Place.
Ireland, Arthur J., ...	M.D. 1861.
Irwin, Albert J., ...	B.A. 1888.
Jackson, Burton, ...	B.A. 1858; M.D. 1862.
Jackson, Mark, ...	M.D. 1882.
Jackson, Joseph Brown, ...	M.D., M.CH., 1883.
a Jackson, William J., ...	B.A. 1880; M.A. 1882.

a With First Honours.
b Army Medical Service.
c Naval Medical Service.
e With Second Honours.

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James, Arthur, ... B.A. 1879.
Jaquet, J. Lewis, ... M.D. 1881.
b Jenings, Ulick A., ... M.D., M.CH. 1865.
Jennings, Edward C., ... B.E. 1899.
Jennings, Michael, ... M.D., 1881; M.CH. 1885.
Johnson, Alexander M., .. M.D., M.CH. 1883.
Johnson, Samuel, ... M.D., M.CH. 1870.
Johnson, Samuel W., ... M.D. 1881.
a Johnston, James, ... B.A. 1895.—Civil Service of India (Third Place.)
e Johnston, J. Wesley, ... B.A. 1854; M.A. 1882.
Johnston, William, ... B.A. 1852; M.A. 1882.
Johnston, William M., ... B.A. 1866; M.A. 1868.
e Jones, James, ... B.A. 1894; M.A. 1895.
e Jordan, Michael J., ... B.A. 1886.
Jordan, William, ... B.A. 1881; M.A. 1882.
Joyce, Patrick K., ... B.A. 1872; M.B., B.CH., B.A.O. 1893.—Head Master, Royal School, Banagher.
b Joynt, Christopher, ... M.D. 1855.
b Joynt, E. Hearne, ... M.D., M.CH. 1870.

Kane, John, ... B.A. 1866.
a Kane, Thomas, ... B.A. 1891.
a Keane, C. Marceet, ... B.A. 1853; Dip. El. Law, 1865
Kearney, Daniel, ... B.A. 1854.
e Keating, William H., ... B.A. 1882; M.A. 1883.
e Keegan, David M., ... B.A. 1894.
e Keegan, James M., ... B.A. 1886; M.A. 1887; M.B., B.CH., B.A.O. 1890.
e Keenan, John F., ... B.A. 1892; Demonstrator of Chemistry, Queen's College, Galway.
Keers, James, ... B.A. 1886.
a Kelly, Michael, ... B.A. 1874; M.A. 1876; M.D. 1882; M.CH., Dip. Obs. 1883.
Kelly, Patrick J., ... M.D. 1857.
Kennedy, John, ... M.D., M.CH., Dip. Obs. 1881.
a Kennedy, William, ... B.A. 1888; M.A. 1890.—University Student R.U.I., B.A. (Gold Medal in Classics), T.C.D. 1893; The Madden Prize at Fellowship Examination, T.C.D., 1899.
Kenny, John D., ... M.D., M.CH. 1884.
Keogh, Alfred H., ... M.D., M.CH., Dip. Obs. 1878; M.A.O. 1892.
Kernaghan, Thomas W., .. B.A. 1896.
e Kerr, Æneas, ... B.A. 1876; M.A.1882.
Kidd, Charles, ... M.B., B.CH., B.A.O. 1899.
a Killen, James B., ... B.A. 1863; M.A. 1868; LL.B. 1868. —B.L. (Ir.)

a With First Honours. *b* Army Medical Service. *e* With Second Honours.

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a Killen, John M., ..	.. ..	B.A. 1866; M.D. 1870.
King, Ælian A., ..	.. ..	B.A. 1862; M.A. 1882.—District Judge, Ceylon.
King, William, ..	.. ..	B.A. 1853; D.SC. *Honoris causa*, 1882.—Staff of Indian Geological Survey.
Kingston, William Y., ..	..	M.D., M.CH., Dip. Obs. 1873.
e Kirker, H. Fitzwalter, ..	..	B.A. 1881; M.A. 1882.
e Kirwan, James St. L., ..	..	B.A. 1893; M.B., B.CH., B.A.O. 1896.
e Kirwan, Robert J., ..	..	B.A. 1892; B.E. 1893.
Knight, William J. R., ..	..	M.D. 1881; M.CH. 1885
Lalor, James, ..	.. ..	B.A. 1855.
Lavertine, Charles, ..	..	B.A. 1875.
Lavertine, Richard A., ..	..	B.E. 1876.
Lawlor, J. Stanislaus, ..	..	M.D., M.CH. 1877.
Lawson, J. Henry, ..	..	M.D. 1860.—Lecturer and Surgeon, St. Mary's Hospital, London.
Leary, Joseph W., ..	..	B.A. 1862.
Legate, George W., ..	..	B.A. 1867; M.A. 1869.
b Lestrange, Edward, ..	..	M.D. 1856.
e Lewis, John P., ..	.. ..	B.A. 1876; M.A. 1882.—Civil Service of Ceylon.
a Lewis, W. Llewellyn, ..	..	B.A. 1869; M.A. 1871.
Lightbody, Robert, ..	..	Dip. Eng. 1864; B.E. 1882.
e Livingstone, John L., ..	..	M.B., M.CH., M.A.O. 1886.
Loane, Thomas, ..	..	M.D., M.CH. 1874.
Loftus, Joseph J., ..	..	M.B., B.CH., B.A.O. 1889.
Longworth, Peter, ..	..	M.D. 1868.
Lough, William J., ..	..	B.A. 1867.
Love, George C., ..	..	B.A. 1876; M.A. 1877.
b Love, Robert L., ..	..	B.A. 1876; M.D., M.CH. 1877.
e Lowe, William J., ..	..	B.A. 1880; M.A. 1881.
Lundy, Joseph, ..	..	B.A. 1892.
Lupton, Henry, ..	..	M.D. 1864; M.CH. 1866.
Lyden, Michael J., ..	..	M.D., M.CH. 1877.
e Lynam, Edward W., ..	..	B.E. 1878.; M.E. 1882; Inspector of Board of Works (Ireland).
e Lynam, James, ..	.. ..	B.A. 1859; M.A. 1882.
a Lynam, James, ..	.. ..	B.A. 1872; M.A. 1882.
e Lynam, Joseph D., ..	..	B.A. 1881; M.A. 1882.—F.R.C. PRE. Lond.; Inspector of National Schools, Ireland, (December, 1893).
a Lynam, Patrick, ..	.. ..	B.E. 1872; M.E. 1882.—First Place Civil Service of Ceylon; County Surveyor of Louth.

a With First Honours. *e* With Second Honours.
b Army Medical Service.

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e Lynam, William P., ... Dip. Eng, 1866; B.E. 1880; M.E. 1882.—Engineer, Public Works of India.

a Lynam, Francis J., ... B.E. 1884.—County Surveyor of North Tyrone, (Nov., 1895).

a Lynham, John I., ... M.D., M.CH. 1875.—F.R.U.I.; Professor of Medicine, Queen's College, Galway.

e Lyons, Frederick W., ... B.A. 1896.—Inspector, Imperial Chinese Customs, Swatow.

Lyons, Robert W. S., ... M.D., M.CH. 1881; Dip. Obs., M.A.O. 1888.

Macartney, James, ... M.D. 1865.

e Macaulay, Colman P., ... B.A. 1867; M.A. 1868.—Civil Service of India; Financial Secretary, Government of Bengal.

e Macauley, Charles A., ... M.D., M.CH., Dip. Obs. 1872.

e Macauley, Roger, ... M.D. 1873.

a MacDonnell, Sir Anthony P., .. B.A. 1864; M.A. 1873; D. LIT. *Honoris causa.*—Civil Service of India; K.C.S.I.; Member of Council of the Viceroy of India; Lieut.-Governor of the North-West Provinces and Oudh.

MacFeeters, William E., .. M.D., M.CH. 1886.

Macnamara, John Maurice, .. B.A. 1879; M.B., M.CH. 1887

ad Macnamara, Robert J., ... M.D., M.CH. 1884.

Madden, Henry M., ... M.D. 1868; M.CH. 1870.

Madden, Henry J., ... M.D. 1865.

Madden, Thomas P., ... M.D., M.CH. 1879.

Madill, Thomas, ... B.A. 1861; LL.B. 1878; LL.D. 1879.

Maguire, Connor J. O'L. .. M.D., M.CH., Dip. Obs. 1882; M.A.O. 1892.

e Maguire, Edward, ... B.A. 1854; M.A. 1882.

e Maguire, Thomas M., ... B.A. 1867; M.A. 1870; LL.D. 1874; B.L. (Eng.)

Maguire, Joseph P., ... M.B., B.CH., B.A.O. 1895.

Maher, Newenham E., ... M.D. 1866.

a Mahon, John S., ... B.A. 1891; M.A. 1892; Inspector of Schools, First Place.

Mahon, Ralph B., ... M.B., M.CH. 1885.

Mahon, William, ... B.A. 1883; M.A. 1884.

a Mahony, John, ... B.A. 1854; M.A. 1882.

e Mallagh, Joseph .. .. .. B.A., B.E. 1896.

e Mangan, Denis, ... B.A. 1890; Inspector of National Schools, Ireland.

Mann, Samuel, ... B.E. 1900.

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a With First Honours.
d Indian Medical Service.
e Naval Medical Service.
s With Second Honours.

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a	Mapother, Edward D., ...	M.D. 1857.—Late Professor of Anatomy and Physiology, Royal College of Surgeons, Ireland, &c. &c.
	Marks, C. Ferdinand, ...	M.D. 1874.
	Marks, Edward G. K., ...	M.D., M.CH. 1876.
e	Marshall, John, ...	B.A. 1867; M.A. 1869; M.D., M.CH. 1870.
	Martin, James H., ...	B.E. 1868; M.E. 1882.—Surveyorship, Demerara.
	Martin, John, ...	M.D., Dip. Obs. 1879; M.CH. 1880.
	Martin, John W., ...	M.D., M.CH. 1868.
a b	Martin, William T., ...	B.A. 1859; M.D. 1862; M.A. 1882.
	Maunsell, Charles A., ...	M.D. 1862.
	Maxwell, Sydney L., ...	B.A. 1883.
e	Maxwell, William H., ...	B.A., 1872; M.A. 1874.
	May, William G., ...	B.A. 1859.
e	Maybin, Hugh, ...	B.A. 1896.
a	Maybin, W., ...	B.A. 1873; M.A. 1882.—Principal of Belfast Academy.
a	Maybury, Lysander, ...	M.D., M.CH., Dip. Obs. 1878.
	Maybury, William A., ...	M.D., M.CH. 1871; Dip. Obs. 1872.
	M'Afee, Alexander, ...	B.A. 1887.
	M'Afee, William, ...	M.D., M.CH., Dip. Obs. 1876.
	M'Aleer, John, ...	M.D., M.CH. 1885; B.A.O. 1888.
	M'Askie, William J., ...	B.A. 1890.
a	M'Auliffe, Michael, ...	B.A. 1860; M.A. 1882.
	M'Auliffe, Thomas B., ...	M.D., M.CH. 1868.
	M'Bride, John B., ...	B.A. 1856.
	M'Call, Robert A., ...	B.A. 1867; M.A. 1868; LL.D. *Honoris causa*, 1882.—Q.C.(Eng.); Bencher of the Middle Temple.
b	M'Carthy, David J., ...	M.D. 1862; M.CH. 1875.
b	M'Carthy, James, ...	M.D., M.CH. 1871.
	M'Cay, Daniel, ...	B.E., 1893.
a	M'Cay, Francis, ...	B.A. 1889; B.E. 1890.
a	M'Clelland, John A., ...	B.A. 1892.—Special Prize at Degree M.A. 1893. Elected to Science Research Scholarship by H. M. Exhibition (1851) Commissioners, 1894; Junior Fellowship in Natural Philosophy, R.U.I., 1895; Research Degree, Cambridge, 1898; Professorship of Natural Philosophy in University College, Dublin, 1900; Fellowship in Natural Philosophy, R.U.I., 1901.

a With First Honours. *b* Army Med. Service. *e* With Second Honours.

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b M'Conaghey, John, ... M.D., M.CH. 1871.
M'Conaghy, William, ... M.D. 1869.
M'Connell, Edward, ... M.D. 1881; M.CH. 1882.
M'Connell, Thomas S., ... M.D. 1881; M.CH. 1882.
M'Cormick, John J., ... M.D., Dip. Obs. 1879; M.CH. 1882.
M'Cormick, Henry, ... M.D., Dip. Obs. 1879.
M'Corry, Peter, ... M.D. 1861.
e M'Cosh, John, ... B.A. 1876; M.A. 1881.
M'Crea, Samuel, ... M.D. 1864.
M'Cully, William J., ... B.A. 1866.
a M'Cune, Thomas H., ... B.A. 1883; M.A. 1884.
c M'Dermott, B. P. Sarsfield, .. B.A., M.D., M.CH. 1878.
e M'Dermott, Cornelius, ... B.A. 1878; M.A., M.D., M.CH. 1882.
e M'Dermott, Dominick L., .. B.A. 1853; M.A. 1882.—War Office.
e M'Donagh, Redmond, ... B.A. 1882; M.A. 1883.
M'Donagh, Thomas J., ... B.A. 1894.
d M'Donnell, James O'M., .. M.D., M.CH. 1869.
c M'Donnell, Joseph R., ... M.D. 1881; M.CH. 1882.
M'Donnell, Mark A., ... M.D., M.CH., Dip. Obs. 1876.—M.P.
M'Dowell, Thomas H., ... B.A. 1879.
M'Elfatrick, Thomas A., .. B.A. 1896.
e M'Elney, Robert, ... B.A. 1884; M.A. 1887.
M'Elrea, William, ... B.E. 1879.
M'Elwaine, Robert, ... M.D. 1883; M.CH. 1884.
ee M'Elwee, John, ... B.A. 1884; M.D., M.CH. 1887
M'Farland, Beattie, ... M.D. 1881; M.CH. 1883.
e M'Farlane, Hugh, ... B.A. 1878; M.A. 1879.
a M'Farlane, Rebert A., ... B.A. 1867; M.A. 1869.
M'Gennis, John, ... M.D., B.CH., B.A.O. 1890.
M'Gloin, Patrick F., ... M.D. 1863; M.CH. 1865.
M'Granahan, James, ... B.A. 1882.
M'Granahan, William, ... B.A. 1876.
e MacGregor, William, ... B.A. 1893; M.A. 1894; LL.B. 1897.
M'Ilroy, John, ... M.D., B.A.O. 1883.
M'Ilveen, John, ... B.A. 1868.
M'Ilwaine, Robert, ... B.A. 1893; M.A. 1894; LL.B. 1895; Assistant Magistrate, Salisbury, British South Africa.
a M'Kane, John, ... B.A. 1860; M.A. 1862.—Late Barrington Lecturer, Professor of English Law, Queen's College, Belfast; B.L. (Ir.)
e M'Kee, William J., ... B.A. 1887.
M'Kelvey, Thomas, ... M.B., B.CH., B.A.O. 1898.
M'Kenzie, John, ... B.A. 1865; M.A. 1871.

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b Army Medical Service.
c Naval Medical Service.
d Indian Medical Service.
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M'Kinlay, John, ... M.D., Dip. Obs. 1878; M.CH. 1879.
M'Kinley, David, ... B.A., 1896; B.E. 1898.
M'Kinney, Hugh G., ... Dip. Eng. 1867; M.E. 1882.—Engineer, Public Works of India.
e M'Kinney, Samuel B. G., .. B.A. 1870; M.A. 1882.
a M'Laren, James B., ... B.A. 1881; M.A. 1882.
M'Laughlin, John, ... M.D. 1880.
M'Lean, Andrew H, ... B.E. 1899.
M'Lean, Robert J., ... B.A. 1898.
e M'Loughlin, Francis, ... M.D. 1881.
e M'Mahon, George Y., ... B.A., Dip. El. Law, 1852; M.A. 1860. — Late Professor of Modern Languages, Royal College, Mauritius.
ee M'Mahon, William, ... M.D, 1862.
M'Manus, Leonard S., ... M.D., M.CH. 1882.
M'Millan, Hugh, ... M.D., M.CH., Dip. Obs. 1873.
M'Millan, John, ... B.A. 1875.
M'Mordie, Elijah, ... B.A. 1873; M.A. 1874.
M'Mullan, Hugh S., ... M.A.
b M'Nally, Christopher J., .. M.D., M.CH. 1871.
e M'Namara, John W., ... B.A. 1873; M.D. 1879.
M'Namara, Joseph C., ... B.A. 1874.—Inspector of National Schools.
d M'Namara, William J. U., .. B.A. 1875; M.D., M.CH. 1878; M.A. 1880.—Ind. Med. Serv., First Place; Demonstrator, Queen's College, Galway.
M'Neill, John R., ... M.D., M.CH. 1881.
M'Quaid, Peter J., ... M.D., M.CH. 1872.
M'Sherry, Edward H., ... M.D., M.CH., M.A.O. 1886.
M'Swinney, George H., .. M.D., M.CH. 1871.
a M'Swinney, Robert F., .. B.A. 1866; M.A. 1868; LL.B. 1870; LL.D. 1882.—First Law Studentship, Inns of Court, London, 1871; B.L. (Eng.)
M'Vittie, R. Blake, ... M.D. 1876.
Megarry, James, ... B.A. 1872.
Megaw, Robert T., ... B.A. 1877; LL.B. 1885; LL.D. 1887.
Meharry, John B., ... B.A. 1868.
Millea, William C., ... B.A. 1891.
Millar, William J., ... B.A. 1881; M.A. 1882; LL.B. 1887. —District Inspector, R.I.C.
Milligan, William, ... M.D., M.CH., M.A.O. 1886.
Mills, John A., ... B.A. 1897; M.B., B.CH., B.A.O. 1900.
Mills, Samuel, ... B.A. 1862.

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b Army Medical Service.
e Naval Medical Service.
d Indian Medical Service.
e With Second Honours.

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e Mills, William S.,	..	..	B.A. 1898; M.A. 1900; Demonstrator of Chemistry, Queen's College, Galway; elected to Science Research Scholarship by H. M. Exhibition (1851) Commissioners, 1900.
e Milward, Edwin O.,	..	..	B.A. 1873; M.A. 1875.
Minniken, John, ..	..	..	B.A. 1877.
Mitchell, Andrew A.,	..	..	M.D. 1879; M.CH. 1891.
Mitchell, Campbell M.,	..	..	M.D., M.CH. 1883.
Mitchell, Charles A. P.,		..	M.D., M.CH., Dip. Obs. 1879.
e Mitchell, Robert,	..	..	B.A. 1871; M.A. 1882.
Mitchell, Robert,	..	..	M.D., M.CH. 1879.
a Mitchell, Robert J.,	..	..	B.A. 1854; M.A. 1860; D. LIT. *Honoris causa*.—Late Inspector of National Schools; Inspector, Registrar General's Office, Ireland.
Mitchell, W. J., ..	..	..	M.D. 1883.
Moffett, Samuel, ..	..	..	B.A. 1867.
e Molloy, Mark, ..	..	..	B.A. 1881; M.A., LL.B. 1882; LL.D. 1883.
Molony, Henry G.,	..	..	B.A. 1873; M.D., M.CH. 1876.
Molony, John, ..	..	..	B.A. 1874.
e Molony, John S.,	..	..	B.A. 1874; B.E. 1877; M.E. 1882.
Molony, Timothy,	..	..	M.D., M.CH. 1872.
a Monroe, John, ..	..	..	B.A. 1857; M.A. 1859; LL.B. 1862; LL.D. 1882.—Studentship, Inns of Court, London; Judge of High Court of Ireland.
a Monroe, Samuel H.,	..	..	B.A. 1873; M.A. 1882.
e Montgomery, Alexander W.,		..	B.A. 1895; M.B., B.CH., B.A.O. 1897.
Moody, John, ..	..	..	B.A. 1882.
Moody, Samuel, ..	..	..	B.A. 1863.
Moody, William, ..	..	..	B.A. 1887; M.B., B.CH., B.A.O. 1893.
e Moon, Frederick W.,	..	..	B.E. 1897.
Moon, James R., ..	..	..	B.E. 1870.
Moon, Robert A.,	..	..	B.E. 1890.
a Moore, John H., ..	..	..	B.A. 1858; M.D. 1861; M.A. 1882.
Moore, William D.,	..	..	M.D., M.CH. 1880.
Moore, William Irwin,	..	..	B.A. 1899.
a Moorhead, William R.,		..	B.A. 1865; M.A. 1866; M.D. 1869.
a d Moorhead, James,	..	..	B.A. 1871; M.A. 1872; M.D. 1875.—First Place Indian Medical Service.
a Moorhead, John,	..	..	B.A. 1855; M.D. 1856; M.A. 1857.
a Moorhead, John R.,	..	..	B.A. 1881; LL.B. 1886.
a Moran, John, ..	..	..	B.A. 1870; M.A. 1872; LL.B. 1878; LL.D. 1879.—Inspector of National Schools.

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d Indian Medical Service.

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c Moran, John,	.. .. ..	B.A. 1891; B.E. 1898.
Moran, Michael,	.. .. ..	M.B., B.CH., B.A.O. 1897.
Morris, Arthur E.,	.. ..	M.D., M.CH. 1883.
c Morris, John James,	.. ..	M.D., Dip. Obs. 1873; M.CH. 1874.
Morris, Michael O'K.,	.. ..	B.A. 1854; M.D. 1857; M.CH. 1865.
Morrow, Henry W.,	.. ..	B.A. 1881; M.A. 1882.
Morton, David,	.. .. ..	B.A. 1887.
Morton, John H.,	.. ..	B.A. 1881.
Moylan, Hannah A.,	.. ..	B.SC. 1896.
Moylan, Michael J.,	.. ..	B.A. 1873.
Moynan, Joseph,	.. .. ..	B.E. 1881.
Moynan, Richard M.,	.. ..	M.D., M.CH. 1882.
Moynan, William A.,	.. ..	M.D., M.CH. 1881.
b Moynan, W. E. Bonsall,	..	M.D., M.CH., Dip. Obs. 1872.
c Mulholland, William,	.. ..	B.A. 1863; M.A. 1882.—Barrington Lecturer; Q.C. (Eng.)
a Mullally, Michael,	.. ..	B.A. 1871; M.A. 1873.—Inspector of National Schools.
Mullally, William T.,	.. ..	M.D., M.CH. 1880.
c Mullen, Douglas,	.. ..	M.D. 1872; M.CH., Dip. Obs. 1873.
b Mullen, Jarlath J.,	.. ..	M.D., M.CH., Dip. Obs. 1873.
Mullen, St. Laurence,	.. ..	M.D., M.CH. 1868.
b Mullen, Thomas F.,	.. ..	M.D. 1864; M.CH. 1865.
a Mulligan, James,	.. ..	B.A. 1869; M.A. 1871; B.L. (Eng.), Head Bencher of Gray's Inn.
c Mullin, James,	.. .. ..	B.A. 1874; M.D., M.CH., Dip. Obs. 1880; M.A 1882.
Mullin, John F. L.,	.. ..	M.D. 1880; M.CH. 1881.
c Munro, William H.,	.. ..	B.A. 1880; M.A. 1882; M.D., M.CH. 1885.
Murphy, Michael E.,	.. ..	M.D. 1868.
Murray, Charles F. K.,	.. ..	M.D. 1868; M.CH. 1884.
Murray, G. Stanley,	.. ..	M.D., M.CH. 1875.
Neilson, Robert A.,	.. ..	M.B., B.CH., B.A.O. 1898.
a Nelson, Thomas E.,	.. ..	B.A. 1880; M.A. 1881; LL.B. 1884; LL.D. 1886.
Newell, Peter,	.. .. ..	B.A. 1882.—Inspector of National Schools.
Nicholls, John W.,	.. ..	M.D., M.CH., Dip. Obs. 1873.
Nicholson, William,	.. ..	M.B., B.CH., B.A.O. 1900.
Nicholson, George F.,	.. ..	M.D. 1875.
d Nightingale, Walter H.,	..	B.E. 1880; M.E. 1882.
c Nixon, John C.,	.. .. ..	B.A. 1893; M.B., B.CH., B.A.O. 1895.
Norris, Patrick J.,	.. ..	M.D. 1869.
Norton, Bernard G.,	.. ..	B.A. 1860.—Late Judge of Superior Court, British Guiana.

a With First Honours. *c* Indian Medical Service.
b Army Medical Service. *d* Engineer, Public Works of India.
e With Second Class Honours.

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	O'Brien, Daniel, ...	M.D., M.CH. 1869.
	O'Brien, Michael, ...	M.D. 1875.
	O'Brien, Thomas M., ...	M.D., M.CH., 1877; Dip. Obs. 1879.
b	O'Connell, David V., ...	M.D., Dip. Obs. 1881; M.CH. 1882; M.A.O. 1893.
a	O'Connor, George, ...	B.A. 1874; M.A. 1875.
	O'Connor, Patrick, ...	M.D., M.CH. 1877.
	O'Connor, P. Fenelon, ...	B.A. 1871; M.D., M.CH., Dip. Obs. 1874.
c	O'Connor, Thomas P., ...	B.A. 1866; M.A. 1873.—M.P.
	O'Dea, Martin, ...	M.B., B.CH., B.A.O., 1893.
	O'Dea, Simon, ...	B.E. 1899.
d	Odling, Charles W., ...	Dip. Eng. 1865; M.E. 1882.
	O'Donel, Claudius, ...	M.D. 1883.
	O'Donnell, Charles J., ...	B.A. 1868; M.A. 1870.—Civil Service of India.
a	O'Donnell, Francis, ...	B.A. 1865; M.A. 1868.—Late M.P.
bc	O'Farrell, Thomas, ...	B.A. 1861; M.A. 1863; M.D. 1864.
a	O'Feely, Timothy O'B., ..	B.A. 1856; LL.B. 1857; LL.D. 1860.
ac	O'Flaherty, Thomas A., ..	M.D. 1859.
	O'Gorman, Patrick, ...	M.D. 1882; M.CH. 1883.
a	O'Hara, Charles, ...	Dip. Agric. 1855; B.A. 1860; M.D. 1865; M.A. 1882.
	O'Hara, Robert F., ...	B.A. 1873; B.L. (Ir.)
c	O'Hara, Thomas, ...	Dip. Agric. 1852; B.A. 1860; M.A. 1882.—Inspector of National Schools.
	O'Kelly, Thomas, ...	M.D. 1879.
a	O'Kinealy, James, ...	B.A. 1858; M.A. 1882; LL.D. *Honoris Causa*.—Civil Service of India.
a	O'Kinealy, Michael, ...	Dip. Eng. 1855; M.E. 1882.
a	O'Kinealy, Peter, ...	B.A. 1874; M.A. 1875; LL.B. 1875; LL.D. 1882; B.L. (Eng.)
	O'Malley, David J., ...	M.D., M.CH. 1881.
a	O'Neill, George F., ...	B.A. 1858; M.A. 1862.—Inspector of National Schools.
	O'Neill, Peter J., ...	B.A. 1872; B.L. (Ir.)
a	Oram, John E., ...	B.E. 1868; M.E. 1882.—Late Prof. Univer., Windsor, Nova Scotia; Librarian and Chief Clerk Royal University of Ireland.
	O'Reilly, Myles W., ...	M.D., Dip. Obs. 1879; M.CH. 1880.
	O'Reilly, Walter W. J., ..	M.D. 1870; M.CH. 1871.
b	O'Reilly, Henry W. H., ..	M.B., B.CH., B.A.O. 1891.
c	O'Shaughnessy, Michael M., ..	B.E., 1884.
b	O'Sullivan, Patrick J., ...	M.D., M.CH. 1875.
c	O'Sullivan, Thomas, ...	M.D., M.CH. 1869; Dip. Obs. 1878.

a With First Honours. *c* Naval Medical Service.
b Army Medical Service. *d* Engineer, Public Works of India.
With Second Class Honours.

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e Padin, Thomas, ... B.A. 1864; M.A. 1882.
Paisley, William, ... M.B., B.CH., B.A.O. 1899.
b Palmer, Dean P., ... M.D. 1864.
Parker, James D., ... B.A. 1854; Dip. El. Law, 1855; LL.B. 1857; LL.D. 1864.
d Parker, Joseph, ... M.D., M.CH. 1874.
Parry, Edward J., ... M.D. 1881.
Patterson, Samuel, ... B.A. 1881.
e Paul, John, ... B.A. 1890.
Pearson, James D., ... B.A. 1897; B.E. 1898.
Peterson, Richard A., ... M.D. 1868.
Pierse, Gerard J., ... M.D., B.CH., B.A.O. 1889.
Pillow, Henry, ... M.D., M.CH. 1886.
Potter, Robert, ... M.D. 1862.
Powell, George H., ... M.D., M.CH., Dip. Obs. 1881.
Pritchard, Thomas, ... M.D. 1880; M.CH. 1883.
Purcell, Matthew, ... M.B., M.CH. 1887.
b Purefoy, John W., ... M.D. 1864.
a Pye, Joseph P., ... M.D., M.CH. 1871; D.SC. *Honoris Causa* 1882.—F.R.U.I.; Professor of Anatomy and Physiology, Queen's College, Galway.

Quinn, Martin, ... B.A. 1863.
Quinton, John H., ... B.A. 1871; B.E. 1872.
Quirk, Martin, ... M.D., M.CH., Dip. Obs. 1875.

Raddin, George H., ... B.A., B.E. 1892.
Rankin, William J., ... M.D. 1865.
c Rathborne, Charles A., ... M.D., M.CH. 1870.
b Raye, Daniel O'C., ... M.D. 1865.
a Rea, Thomas, ... B.A. 1899; M.A. 1900.
Read, Richard, ... M.D., M.CH. 1872.
Reade, Hector M., ... B.A. 1877.
a Reed, Sir Andrew, ... B.A. 1859; LL.B. 1877; LL.D. 1878; M.A. 1882.—Knt. C.B.; Inspector-General, R.I.C.
c Reed, Matthew, ... M.D., M.CH. 1870.
b Reid, Robert, ... B.A. 1854.
e Reid, William Joseph, ... B.A. 1861; M.A. 1882.
Reidy, Charles, ... B.A. 1880.
Rentoul, Robert R., ... M.D. 1880; Direct Representative of the Registered Practitioners of England on the General Medical Council.
e Rentoul, James Alex., ... B.A. 1869; LL.B. 1874; LL.D., 1875; Q.C. (Eng.)—M.P.

---

a With First Honours. *c* Naval Medical Service.
b Army Medical Service. *d* Indian Medical Service.
e With Second Class Honours.

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Reynolds, T. Taylor. .. .. M.D., M.CH. 1879.
Richardson, John H., ... B.A. 1852.
Riordan, Daniel, ... M.D. 1878; Dip. Obs. 1879.
c Rishworth, Frank S., ... B.E. 1898; B.A. 1899.
Roe, William, ... M.D. 1863.—Professor of Midwifery, Royal College of Surgeons, Ireland, late Examiner in Q. U. Ireland.
Roseingrave, Thomas W., .. B.E. 1881.
Ross, David R., ... M.D., M.CH. 1875.
Ross J., Alexander, ... M.D. 1868; M.CH. 1869.
Ross, John R., ... B.A. 1863; M.D. 1866.
Rosten, William M., ... M.D. 1874.
Roulston, Robert J., ... M.D., M.CH., Dip. Obs. 1880.
Rowney, George A. H., ... B.A. 1882; B.E. 1883.
Rusk, John, ... B.A. 1886; M.B., B.CH., B.A.O. 1894.
Rutherford, Robert L., ... M.D. 1881; M.CH. 1882.
Rutherford, William, ... M.D., M.CH. 1871; Dip. Obs. 187 M.A.O. 1885.
Rutledge, Andrew, ... B.A. 1892.
Rutledge, John G., ... B.A. 1893; M.A. 1894.
c Ryan, Dominick D., ... B.A. 1852; M.A. 1882.
a Ryan, Hugh, ... B.A. 1895; M.A. 1897; D.Sc. 1899. Awarded a Gold Medal for highly distinguished answering; Demonstrator of Chemistry, Queen's College, Galway; elected to Science Research Scholarship by H. M. Exhibition (1851) Commissioners, 1898; University Student R.U.I., 1898; Professor of Chemistry in the Catholic University School of Medicine (Dublin), 1899; Fellowship in Chemistry, R.U.I., 1900.
Ryan, John, ... M.D., M.CH., M.A.O. 1885.
Ryan, John, ... B.A., B.E. 1893.

Saunderson, James E., ... B.A. 1862; M.D., M.CH. 1866.
Saunderson, Robert, ... M.D. 1870.
b Saunderson, William H., .. B.A. 1863; M.A. 1864.
Scott, Frederick S., ... M.B., B.CH., B.A.O. 1898.
Semple, Martin, ... M.B., M.CH. 1888.
a Semple, Robert J., ... B.A. 1888; M.A. 1889, *University Student* R.U.I.
Semple, Samuel, ... B.A. 1881; M.A. 1882.
Sexton, William, ... M.D., M.CH., M.A.O. 1885.
Shannon, Owen J., ... B.A. 1883; M.A. 1889.
Shannon, Patrick J., ... M.D. 1864; M.CH. 1865.

---

a With First Honours. *b* Army Medical Service. *c* With Second Honours.

Digitized by Google

a Sharkey, Edmund de la Garde, ..	B.A. 1863; M.A. 1866.—Civil Service of India.
b Sharpe, William, ...	M.D. 1866; M.CH. 1868.
b Shaw, John A., ...	M.D. 1863.
a Shiel, Joseph R., ...	B.A. 1871; M.A. 1873; LL.B. 1874; LL.D. 1882.
Shine, Eugene, ...	B.A. 1879.
ad Shore, Robert	B.A. 1875; M.A. 1877; M.D. 1880.
Sigerson, George	M.D. 1859; M.CH. 1865—F.R.U.I., Professor of Botany and Zoology, Catholic Univ. Medical School.
Simms, John M., ...	B.A. 1879.
Simpson, William, ...	M.D. 1872; M.CH., Dip. Obs. 1873.
Skilling, Thomas, ...	Dip. Agric. 1852 — Director of Model Farm, Royal Park, Melbourne.
Sloan, John, ...	M.B., B.CH., B.A.O. 1898.
Sloane, George, ...	B.A. 1883.
d Smith, Henry, ...	B.A. 1883; M.D., M.CH., M.A.O. 1888.
Smith, Joseph, ...	B.A. 1884; LL.B. 1887.
e Smith, J. Anderson, ...	B.A. 1853; M.A. 1882.
Smith, Robert J., ...	B.A. 1861.
Smithwick, Richard H., ..	B.E. 1879.
e Smylie, Archibald, ...	B.A. 1864; M.A. 1874; LL.B. 1877; LL.D. 1877; B.L. (Australia).
Smyth, John, ...	M.D., M.CH. 1879.
Smyth, Thomas C., ...	B.A. 1880; M.A. 1882.
Smith, William J., ...	B.A. 1865; M.D. 1872; M.A. 1882.
Somerville, Richard N., ..	B.A. 1871; B.E. 1873. — County Surveyor, Cavan.
Spence, J. Beveridge, ...	M.D., M.CH. 1869.
Spencer, William F., ...	M.D., M.CH, 1872.
Steen, James R., ...	M.B., B.CH., B.A.O. 1890.—Travelling Medical Scholar, Royal University of Ireland, 1890.
Stephens, William, ...	M.D. 1866.
Stewart, Joseph, ...	M.B., M.CH., M.A.O. 1887.—Travelling Medical Scholar, Royal University of Ireland, 1889; Demonstrator of Anatomy, Queen's College, Galway.
Stewart, Robert F., ...	B.A. 1861.
Stewart, Washington S., ..	B.A. 1866.
Stoker, Sir Thornley, ...	M.D. 1666; M.CH. *Honoris Causa* 1895.—Surgeon, Richmond Hospital; F.R.U.I; late Prof. of Practical Anatomy, R.C.S., Ireland; President, R.C.S.I.

a With First Honours. *b* Army Medical Service.
d Indian Medical Service. *e* With Second Class Honours.

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Stokes, William, ... M.D. 1878; M.CH., Dip. Obs. 1880.
*aStoney, Edward W., ... Dip. Eng. 1863; B.E. 1872; M.E. 1882.
Stoney, John H. L., ... M.D. 1861.—Late Surgeon, City of Dublin Hospital; late Demonstrator, Royal College of Surgeons, Dublin.
Strain, James K. C., ... B.A. 1896.
Stratford, John, ... B.E. 1881.
Stuart, James, ... B.A. 1895.
Stuart, Simson, ... M.D. 1880; M.CH. 1883.
*aStuart, Thomas, ... B.A. 1895; M.A. 1896; D.SC. 1900; Demonstrator of Physics, Queen's College, Galway.
Sugars, John C., ... M.D., M.CH. 1868.
Sullivan, John, ... B.A. 1878.

Talbot, Bertram H., ... B.A. 1869.
Tate, Davis D., ... M.D. 1868.
Tatham, Garnett G., ... M.D. 1877.
Taylor, William J., ... M.B., B.CH., B.A.O. 1888.
Thomas, William R., ... M.D., M.CH. 1875.
*aThompson, Atwell, ... B.E. 1886; B.A. 1887.
Thompson, David, ... B.A. 1871.
Thompson, George, ... B.A. 1865.—Master, Doveton College, Calcutta.
Thompson, Henry G., ... M.D., M.CH. 1877.
Thompson, James, ... B.A. 1883.
*aThompson, William H., .. M.D., M.CH. 1883; Dip. for Mental Diseases, 1886.—Professor of Physiology, Queen's College, Belfast.
Thomson, Sir William, .. B.A. 1867; M.D., M.CH. Dip. Obs. 1872; M.A. *Honoris Causa* 1881.—Surgeon, Richmond Hospital, Examiner, R.C.S.; Member of Senate, R.U.I.; Examiner, late Queen's University, Ireland; President R.C.S.I.; Direct Representative for Ireland on the General Medical Council; Surgeon in Ordinary to his Excellency the Lord Lieutenant.
Thorpe, Joseph C, ... M.D. 1864.
Threfall, Richard B., ... M.B., B.CH., B.A.O. 1898.
*aThynne, Henry, ... B.A. 1859; LL.B. 1873; M.A. 1882; LL.D. 1882.—C.B.; Deputy Inspector-General, R.I.C.

---

* With First Honours.

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Tierney, Daniel, ...	B.A. 1856; Dip. Eng. 1857; B.E. 1882.
a Todd, Andrew, ...	B.A. 1876; LL.B. 1879; M.A. 1882; LL.D. 1882; B.L. (Ir.).
e Todd, Robert H., ...	B.A. 1870; M.A. 1871; LL.B. 1873; LL.D. 1875.
a Torrens, James, ...	B.A. 1866; M.A. 1867; M.D. 1883; M.CH. 1884.
e Townsend, Thomas A., ...	B.E. 1869; M.E. 1882.
Twigg, William, ...	M.D. 1862.
Vance, George, ...	M.D., M.CH. 1886; B.A.O. 1888.
a Vance, Robert, ...	B.A. 1879; M.A. 1880.
Vinrace, Felix C., ...	M.D. 1881.
Waddell, Sydney, ...	M.B., B.CH., B.A.O., 1900.
Wadsworth, William A., ..	M.D. 1884; B.CH. 1888.
Walker, Andrew J., ...	B.A. 1895; Demonstrator of Chemistry, Queen's College, Galway; PH.D., Heidelberg, 1898; Lecturer in Chemistry, Borough Polytechnic School, London.
Walker, Cuthbert F., ...	B.A. 1897.
Walker, William, ...	B.A. 1894; B.E. 1895.
Waller, Edmund W., ...	Dip. Eng. 1861; B.E. 1882.
e Walsh, Michael, ...	B.A. 1867; M.D., M.CH., Dip. Obs. 1873.—Demonstrator of Anatomy, Queen's College, Galway.
Walsh, Thomas, ...	B.A. 1899.
Ward, Peter, ...	B.A. 1867.
Warren, J. Monteith, ...	M.D., M.CH. 1874.
Warren, William E., ...	B.A. 1871; M.D. 1873.
Warren, William H., ...	M.D. 1866.
e Waters, Eaton W., ...	M.B., M.CH. 1886; M.A.O. 1887.
Waters, George A., ...	M.D., M.CH. 1884.
Waters, Horace R., ...	B.E. 1885.
Waters, Joseph J., ...	M.B., B.CH., B.A.O. 1899.
a Waterworth, Hugh, ...	B.A. 1877; M.A. 1879.
Watson, John, ...	B.A. 1897.
e Watt, George, ...	B.A. 1896.
Watters, Francis O. M., ..	B.A. 1880; M.A. 1881.
e Watters, William, ...	B.A. 1877; M.A. 1882; M.D., M.CH. 1883.
Watts, Walter A., ...	B.A. 1856; M.A. 1857.—Late Prof. Training College, Toronto.
Wells, Charles, ...	M.D. 1880.
Wenyon, Charles, ...	M.D., M.CH. 1880.
West, John D., ...	B.A. 1859.

a With First Honours. *e* With Second Honours.

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a West, Sir Raymond,	.. ..	B.A. 1855; M.A. 1869; LL.D. *Honoris causa*, 1882.—Judge of the High Court of Bombay; Vice-Chancellor, University of Bombay; Member of the Council of the Government of Bombay.
White, James F.,	.. ..	M.D. 1880; M.CH., Dip. Obs. 1881.
White, Michael, ..	.. ..	M.D., M.CH. 1873.
White, Patrick B.,	.. ..	M.D., M.CH. 1883; Dip. Obs. 1884; M.A.O. 1885.
a White, Sinclair, ..	.. ..	M.D., M.CH., Dip. Obs. 1879; Lecturer on Physiology and Hygiene, Firth College, Sheffield.
e White, Thomas R.,	.. ..	M.D. 1862.
Whitton, Joseph,	.. ..	B.E. 1899; B.A. 1900.
Williams, J. O'Brien,	.. ..	M.D., M.CH. 1877.
Williams, William,	.. ..	M.D., M.CH. 1869.
e Wilson, David, ..	.. ..	B.A.; B.E. 1895.
Wilson, James, ..	.. ..	M.D. 1879.
Wilson, John, ..	.. ..	B.A. 1865; M.A. 1866.
b Wilson, J. Bower,	.. ..	M.D. 1871.
e Wilson, Robertson B. S.,	..	B.A. 1869; M.A. 1870.
e Wilson, Samuel L.,	.. ..	B.A. 1875; M.A. 1876.
a Wilson, Thomas N.,	.. ..	B.A. 1861; M.A. 1882.—Civil Service of India.
e Wilson, William N.,	.. ..	B.A. 1865; M.A. 1866.
e Winder, James, ..	.. ..	B.A. 1865; M.A. 1882.
Wise, Charles H.,	.. ..	M.D. 1882.
Wood, George V.,	.. ..	M.D., M.CH. 1866.
e Wood, John E., ..	.. ..	B.A. 1864; M.A. 1882.—Inspector of National Schools.
e Woods, Richard J.,	.. ..	B.E. 1874; M.E. 1882.—Engineer, Public Works of India.
e Zouche, Isaiah de,	.. ..	M.D. 1865.

DIPLOMATES IN ENGINEERING.

Stuart, William, 1893.
Howley, Richard J., 1895.

a With First Honours. *b* Army Medical Service.
e With Second Honours.

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DEGREES, EXHIBITIONS, HONOURS, &c., OBTAINED BY STUDENTS OF THE COLLEGE AT THE EXAMINATIONS OF THE ROYAL UNIVERSITY OF IRELAND IN 1900.

Faculty of Arts.

FELLOWSHIP IN NATURAL PHILOSOPHY.

M'Clelland, John A., M.A.

AUTUMN.

JUNIOR FELLOWSHIP EXAMINATION IN MATHEMATICAL SCIENCE.

Stuart, Thomas, M.A., was awarded a Special Prize of £100 a year for two years, on account of the excellence of the original theses submitted by him.

SCHOLARSHIP IN MODERN LANGUAGES.

Steinberger, Cecil L. M.

D.Sc. DEGREE EXAMINATION.

Stuart, Thomas, M.A.

M.A. DEGREE EXAMINATION.

Honours in Modern Literature.

Rea, Thomas, B.A., ... First Class.

Honours in Experimental Physics and Chemistry.

Mills, William S., B.A., ... Second Class.

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PASS.

Flack, William T., B.A.

B.A. DEGREE EXAMINATION.

SUMMER.

PASS.

Hardiman, James J., B.E. | Whitton, Joseph, B.E.

AUTUMN.

EXHIBITION.

Clarke, Margaret, ... First Class (£42).

Honours in Modern Literature.

Clarke, Margaret, ... First Class.
Aimers, Margaret M., ... Second Class.

SECOND UNIVERSITY EXAMINATION.

SUMMER.

EXHIBITIONS.

O'Neill, Joseph J., ... First Class (£36).
Warnock, James, ... Second Class (£18).
Lydon, Patrick J., ... Second Class (£18).

Honours in Latin.

O'Neill, Joseph J., ... Second Class.

Honours in Greek.

O'Neill, Joseph J., ... Second Class.

Honours in French.

Lydon, Patrick J., ... Second Class.

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Faculty of Arts—*continued.*

Honours in German.

Lydon, Patrick J., ... Second Class.

Honours in Celtic.

O'Neill, Joseph J., ... Second Class.

Honours in Mathematics.

Cole, James A., ... Second Class.

Honours in Mathematical Physics.

Warnock, James, ... Second Class.

Honours in Experimental Physics.

Warnock, James, ... First Class.

PASS.

Flack, James.	O'Hara, Donald J.
Lyons, James A.	Porterfield, Samuel.
Mairs, William C.	Reid, Patrick.

FIRST UNIVERSITY EXAMINATION.

SUMMER.

EXHIBITIONS.

Bell, Gilmore, ... Second Class (£15).
Brash, Robert, ... Second Class (£15).
Kenny, Patrick J., ... Second Class (£15).

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Faculty of Arts—*continued.*

Honours in Latin.

Angus, Samuel, ...	First Class.
Reid, Thomas, ...	Second Class.
Brash, Robert, ...	Second Class.
Kenny, Patrick J., ...	Second Class.
Haslett, George H., ...	Second Class.

Honours in French.

Steinberger, Cecil L. M., ...	First Class.
Kenny, Patrick J., ...	Second Class.
Reid, Thomas, ...	Second Class.

Honours in German.

Brash, Robert, ...	Second Class.

Honours in English.

Bell, Gilmore, ...	Second Class.

Honours in Natural Philosophy.

Bell, Gilmore, ...	First Class.
Brash, Robert, ...	Second Class.

The following Candidates were also declared qualified to compete for Honours, but some of them did not present themselves at the Oral Examination:—

Latin, ...	Bell, Gilmore.
German, ...	Perry, Margaret.
English, ...	Rutherford, Robert G.

PASS.

Egan, George.	M'Causland, Samuel.
Flack, Isaac.	M'Lachlan, Robert B.
Keane, Edward D. B.	Maxwell, George.
Leitch, Andrew.	Morrison, William J.

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AUTUMN.

Dewar, Elliot P.
Garry, John W.
M'Farland, William J.

Faculty of Medicine.

MEDICAL STUDENTSHIP.

Allen, Robert, M.B., B.CH., B.A.O.

M.B., B.CH., B.A.O. DEGREES EXAMINATION.

SPRING.

PASS.

Forde, Michael J. | Graham, George.

AUTUMN.

PASS.

Mills, John A., B.A.
Nicholson, William.
Waddell, Sydney.

THE THIRD EXAMINATION IN MEDICINE.

SPRING.

UPPER PASS.

Clements, John.

PASS.

Best, Robert. | Keogh, William, M.P.

AUTUMN.

EXHIBITION.

Warnock, William, ... Second Class (£20).

HONOURS.

Warnock, William, ... Second Class.

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THE SECOND EXAMINATION IN MEDICINE.

SPRING.

PASS.

Simpson, William A.

AUTUMN.

PASS.

O'Flynn, Michael J.

THE FIRST EXAMINATION IN MEDICINE.

SUMMER.

PASS.

Burke, Henry J.
Byrne, James.
M'Causland, Joseph.
Shanklin, John G.

AUTUMN.

PASS.

M'Conaghy, John.
Porterfield, Samuel.

School of Engineering.

B.E. DEGREE EXAMINATION.

EXHIBITION.

Cummins, Robert J., ... Second Class (£21).

HONOURS.

Cummins, Robert J., ... Second Class.

PASS.

Hardiman, James J.
Mann, Samuel.

FIRST PROFESSIONAL EXAMINATION.

PASS.

M'Lachlan, John S.

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OTHER DISTINCTIONS.

Fellowship, Trinity College, Dublin.

Kennedy, William, M.A.

Professorship of Natural Philosophy in the University College, Dublin.

M'Clelland, John A., M.A.

Science Research Scholarship of H. M. Exhibition (1851) Commissioners.

Mills, William S., M.A.

The Head of the Chemistry Department, Derby Technical College.

Walker, Andrew J., B.A., PH.D., Heidelberg.

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FORMER PROFESSORS AND OFFICERS.

Appointed.		Vacated
1845.	Very Rev. J. W. Kirwan, President, . . Died,	1849
1845.	Edward Berwick, Vice-President, appointed President, ... Resigned,	1849
1849.	Thomas Drane, M.A., Professor of Civil Engineering, ... Resigned,	1849
1850.	Very Rev. J. P. O'Toole, Vice-President, Resigned,	1852
1849.	Morgan W. Crofton, B.A., Professor of Natural Philosophy, ... Resigned,	1852
	[Fellow of the Royal Society, 1868; late Professor of Mathematics, R.M. Academy, Woolwich; Fellow of the Royal University of Ireland; Author of Papers in *Philosophical Transactions*, 1868–69.]	
1849.	Patrick G. Fitzgerald, Bursar, . . . Died,	1853
1849.	John Mulcahy, LL.D., Professor of Mathematics, ... Died,	1853
	[Author of "Principles of Modern Geometry," 1852.]	
1849.	W. E. Hearn, B.A., Professor of the Greek Language, ... Resigned,	1854
	[Late Dean of the Faculty of Law in the University of Melbourne. Author of "Plutology," 1864; "The Government of England"; and "The Aryan Family."	
1849.	William Nesbitt, M.A., Professor of the Latin Language, appointed to the Greek Professorship, ... Resigned,	1854
1849.	Cornelius Mahony, Professor of the Celtic Languages, ... Resigned,	1854

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Appointed.		Vacated.
1849.	Bernard O'Flaherty, Registrar, . . Resigned,	1855
1849.	James Hardiman, Librarian, . . . Died,	1855
	[Author of "History of Galway," 1820; and of "Irish Minstrelsy or Bardic Remains of Ireland," 1831.]	
1849.	Edmond Ronalds, PH.D., Professor of Chemistry, ... Resigned,	1856
	[Editor of the Journal of the Chemical Society, joint Editor with Dr. T. Richardson of Knapp's "Chemistry in its applications to the Arts and Manufactures," 1848–1851. Author of papers:—"Ueber die Oxydation des Wachses durch Salpetersäure," *Liebig Ann.* 1842, and "Excretion of Phosphorus," 1853, *Phil. Trans.*]	
1853.	G. Johnstone Stoney, M.A., Professor of Natural Philosophy, appointed Secretary of the Queen's University, . . . Resigned,	1857
	[Fellow of the Royal Society, 1861; late Secretary to the Queen's University in Ireland. Author of numerous Scientific and Philosophical Papers in *Phil. Trans.*, *Trans. of Royal Dublin Society*, and *Philosophical Magazine*.]	
1849.	H. Law, B.A., Professor of English Law, Resigned,	1858
	[Solicitor-General, 1873; M.P. for Londonderry, 1874; Attorney-General, 1880; Lord Chancellor of Ireland, 1881.]	
1849.	Denis C. Heron, LL.D., Professor of Jurisprudence and Political Economy, . . Resigned,	1859
	[Serjeant-at-Law; M.P. for county of Tipperary, 1870. Author of "An Introduction to the History of Jurisprudence," 1860, and "History of the University of Dublin."]	
1849.	Wm. B. Blood, B.A., Professor of Civil Engineering, ... Resigned,	1860
	[Author of Paper on "Stresses in Girders," *Min. Proc., I.C.E.*]	
1849.	Charles Croker King, M.D., Professor of Anatomy and Physiology, . . . Resigned,	1863
	[M.R.I.A.; late Medical Commissioner, Local Government Board for Ireland. Author of numerous Papers on Anatomy and Physiology.]	

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Appointed.		Vacated.
1852.	Joseph O'Leary, B.A., Vice-President, Professor of History and English Literature, . [Author of various Legal works.]	Died, 1864
1853.	Arthur Ireland, Bursar, ...	Died, 1864
1852.	William Nesbitt, M.A., Professor of the Greek Language, ... [Late Professor of Latin, Queen's College, Belfast. Author of the Article, "Horae Tacitese" in *Hermathena*, Vol. III.]	Resigned, 1864
1849.	Thos. Skilling, Professor of Agriculture, .	Died, 1865
1849.	Augustus Bensbach, M.D., Professor of Modern Languages, ... [Author of "Sketch of German Literature."]	Died, 1868
1854.	Richard Blair Bagley, M.A., Professor of Latin,	Died, 1869
1859.	John E. Cairnes, M.A., Professor of Jurisprudence and Political Economy, . . [Sometime Whately Professor of Political Economy in the University of Dublin; late Professor of Political Economy in the University College, London. Author of "The Definition and Logical Method of Political Economy," 1875, 2nd Edition; "The Slave Power," 1862; Essays on Political Economy; Political Essays; Some Leading Principles of Political Economy; and of other works.]	Resigned, 1870
1853.	William Lupton, M.A., Registrar, appointed Professor of Jurisprudence and Political Economy, ...	Resigned, 1870
1849.	Simon M'Coy, Professor of Materia Medica, [Author of numerous papers on Medical and Surgical Science.]	Resigned, 1873
1849.	Richard Doherty, M.D., Professor of Midwifery, [Author of papers on Obstetric Science.]	Died, 1876
1870.	William Lupton, M.A., Professor of Jurisprudence and Political Economy, . . .	Died, 1876
1856.	John H. Richardson, B.A., Librarian, .	Resigned, 1876
1849.	Edward Berwick, B.A., President, . . .	Died, 1877

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Appointed.		Vacated
1863.	John Cleland, M.D., Fellow of the Royal Society, 1872, ... Resigned,	1877
	[D.SC.; LL.D.; Professor of Anatomy in the University of Glasgow. One of the Editors of the 7th Edition of Quain's "Elements of Anatomy;" Author of "Scala Naturae and other Poems," 1887; and of "Animal Physiology," "Variations of the Skull," and other important papers in the *Philosophical Transactions.*]	
1870.	Thomas W. Moffett, LL.D., Registrar, appointed President, ... Resigned,	1877
1873.	Joseph P. Pye, M.D., M.CH., Professor of Materia Medica, ... Resigned,	1877
1849.	Nicholas Colahan, M.D., Professor of Practice of Medicine, ... Resigned,	1879
1857.	Arthur Hill Curtis, M.A., LL.D., Professor of Natural Philosophy, ... Resigned,	1879
	[Late Assistant Commissioner of Intermediate Education; late Senator of the Royal University of Ireland. Author of Papers:— "On the Integration of Linear and Partial Differential Equations," in the *Cambridge and Dublin Mathematical Journal*, 1854; "Sur la Surface Lieu des Centres de Courbure Principaux d'une Surface Courbe," in Liouville's *Journal de Mathématiques pures et appliquées*, 1858; A Mathematical Deduction of the principal properties of the Gyroscope, Dublin, 1862; and of numerous Papers in *The Oxford, Cambridge, and Dublin Messenger of Mathematics*, *The Messenger of Mathematics*, New Series; *The Quarterly Journal of Pure and Applied Mathematics;* and *The Philosophical Magazine.*]	
1877.	Arthur Hill Curtis, M.A., LL.D., Registrar, Resigned,	1879
1869.	Thomas Maguire, LL.D., Professor of Latin, Resigned,	1880
	[Late Fellow of Trinity College Dublin, and Professor of Moral Philosophy in the University of Dublin. Author of "An Essay on the Platonic Idea," 1866; of "Essays on the Platonic Ethics"; of "Lectures on Philosophy"; and of numerous Articles in *Hermathena*, Vols. I.–VI. Editor of "The Parmenides of Plato," 1882.]	

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Appointed.		Vacated.
1849.	Alexander G. Melville, M.D., D.SC., Professor of Natural History, ... Resigned,	1882
	[Joint Author of "The Dodo and its kindred," and of papers on Anatomy and kindred subjects.]	
1876.	Robert Cather Donnell, M.A., LL.D., Professor of Jurisprudence and Political Economy, . Died,	1883
	[Sometime Professor of Political Economy in the University of Dublin.]	
1849.	William King, D.SC., Professor of Mineralogy and Geology and Natural History, . Resigned,	1883
	[Author of "Monograph of Permian Fossils of England," published by the Palæontographical Society, 1850; and of "Report on the Superinduced Divisional Structure of Rocks, called Jointing, and its Relation to Slaty Cleavage," *Transactions of the Royal Irish Academy* Vol. XXV., 1875, and of numerous Papers in the *Annals of Natural History*, and in other Scientific Journals. Also Author in conjunction with Dr. T. H. Rowney of a Paper on "Eozoon Canadense" in the *Quarterly Journal of the Geological Society*, and of other Papers on the same subject in various Scientific Journals.]	
1880.	Joseph Larmor, M.A., D.SC., Professor of Natural Philosophy, ... Resigned,	1885
	[Fellow of the Royal Society, 1892; late Fellow of the Royal University of Ireland; Fellow of St. John's College, Cambridge. Author of various Papers in the *Proceedings of the Cambridge Philosophical Society; Philosophical Transactions of the Royal Society; Proceedings of the London Mathematical Society; The Quarterly Journal of Pure and Applied Mathematics; The Messenger of Mathematics*, New Series; *The Philosophical Magazine*.]	
1868.	Charles Giesler, PH.D., D.LIT., Professor of Modern Languages, ... Died,	1886
	[Late Fellow of the Royal University of Ireland.]	
1849.	James V. Browne, M.D., Professor of Surgery, Died,	1887

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Appointed.		Vacated.
1880.	John Fletcher Davies, M.A., D.LIT., Professor of Latin, ... Died,	1889
	[Late Fellow of the Royal University of Ireland. Editor of "The Agamemnon, The Choephoroe, and The Eumenides of Æschylus." Author of several Articles in *Hermathena*, contributed largely to *Kottabos* and *Dublin Translations*.]	
1856.	Thomas H. Rowney, PH.D., D.SC., Professor of Chemistry, ... Resigned,	1889
	[Author of numerous memoirs in Organic Chemistry, especially on the Fatty Acids and their Amides, *Journal of the Chemical Society*; and in conjunction with Dr. Wm. King of a Paper on "Eozoon Canadense" in the *Quarterly Journal of the Geological Society*, and of other Papers in various Scientific Journals.]	
1889.	Augustus E. Dixon, M.D., Professor of Chemistry, ... Resigned,	1891
	[Professor of Chemistry, Queen's College, Cork. Author of Papers on Organic Chemistry in the *Journal of the Chemical Society*.]	
1853.	George Johnston Allman, LL.D., D.SC., Professor of Mathematics, Senator of the Royal University of Ireland, Fellow of the Royal Society, 1894, ... Resigned,	1893
	[Member of the Senate of the Queen's University in Ireland, 1877. Editor of the Lectures of Professor MacCullagh on "The Attraction of Ellipsoids," *Transactions of the Royal Irish Academy*, Vol. XXII., 1853. Author of a Paper, "On Some properties of the Paraboloids," *The Quarterly Journal of Pure and Applied Mathematics*, 1874; of Articles on "Greek Geometry from Thales to Euclid" in *Hermathena*, Vols. III.–VI., 1878–1887, subsequently published as a Volume of the Dublin University Press Series, 1889; also of "Ptolemy (Claudius Ptolemaeus)" and other Articles in the 9th edition of the *Encyclopædia Britannica*.]	
1864.	George Johnston Allman, LL.D., D.SC., Bursar, ... Resigned,	1893

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Appointed.		Vacated.
1849.	Sir Thomas Moffett, LL.D., D.LIT., Professor of Logic and Metaphysics; Professor of History, English Literature, and Mental Science, 1863; Registrar, 1870; President, 1877; Senator of the Royal University of Ireland. Author of "Selections from Bacon's Works," translated with commentary, and numerous Literary and Philosophical Papers, ... Resigned,	1897
1897.	William Joseph Myles Starkie, M.A., D.LITT.; late Scholar of Trinity College, Cambridge; ex-Fellow of Trinity College, Dublin; President, and Professor of History, English Literature, and Mental Science, 1897; Senator of the Royal University of Ireland; Resident Commissioner of National Education (Ireland); Editor of "Aristophanes' Vespae," and Author of many Papers on Classical Subjects, ... Resigned,	1899

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DEANS OF RESIDENCES.

Appointed.			Vacated
1857.	Rev. Wm. Lough, ...	Resigned,	1860
1860.	Rev. Robert Huston, ...	Resigned,	1863
1863.	Rev. John Duncan, ...	Resigned,	1866
1866.	Rev. Hugh Moore, ...	Resigned,	1867
1858.	Rev. John Lewis, ...	Resigned,	1867
1867.	Rev. James Murdock, ...	Resigned,	1868
1849.	Rev. John Treanor, ...	Resigned,	1868
1868.	Rev. Wm. Jarrett, ...	Resigned,	1868
1868.	Rev. Mortlock Long, ...	Resigned,	1871
1871.	Rev. Oliver M'Cutcheon, . . .	Resigned,	1874
1874.	Rev. J. C. Moore, B.A., . . .	Resigned,	1878
1874.	Rev. Colin M'Cay, ...	Resigned,	1876
1876.	Rev. F. Elliot, ...	Resigned,	1879
1879.	Rev. T. W. Baker, ...	Resigned,	1882
1880.	Rev. J. G. Robb, LL.B., D.D., . .	Died,	1881
1880.	Rev. John Kydd, ...	Resigned,	1881
1882	Rev. Thomas C. Maguire, . . .	Resigned,	1885
1885.	Rev. John Carson, ...	Resigned,	1887
1868.	Venerable Archdeacon O'Sullivan, [Bishop of Tuam, 1890.] .	Resigned,	1890
1887.	Rev. Henry Shire, ...	Resigned,	1890
1890	Rev. Richard Little, ...	Resigned,	1893
1893.	Rev. Robert Boyd, M.A., . . .	Resigned,	1896
1896.	Rev. Wm. Crook, D.D., . .	Died,	1897

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SESSION 1900–1901.

THIS College is a Corporation, founded by Letters Patent under the Great Seal of Ireland, under the name and style of the "President and Professors of Queen's College, Galway."

The general government and administration of the College is vested in a Council consisting of the President and six Professors elected by the Corporate Body.

Visitors:

THE RIGHT HONOURABLE THE CHIEF SECRETARY FOR IRELAND.
THE RIGHT REVEREND THE LORD BISHOP OF TUAM.
THE RIGHT HONOURABLE LORD MORRIS.
THE RIGHT HONOURABLE THE LORD CHIEF JUSTICE OF IRELAND.
THE REVEREND THE MODERATOR OF THE GENERAL ASSEMBLY.
THE PRESIDENT OF THE ROYAL COLLEGE OF PHYSICIANS.
THE PRESIDENT OF THE ROYAL COLLEGE OF SURGEONS.

President:

ALEXANDER ANDERSON, M.A., CAMB., late Fellow of Sidney Sussex College, Cambridge.

Professors:

Greek, ...	D'ARCY W. THOMPSON, M.A. CAMB., D.LIT.
Latin, ...	PHILIP SANDFORD, M.A. DUB., F.R.U.I.
Mathematics, . . .	ALFRED C. DIXON, SC.D. CAMB., M.A. LOND., F.R.U.I., late Fellow of Trinity College, Cambridge.
Natural Philosophy, . .	THE PRESIDENT.
History, English Literature, and Mental Science, .	WILBRAHAM FITZJOHN TRENCH, M.A., Examiner R.U.I.
Chemistry, . . .	ALFRED SENIER, PH.D. BERLIN.
Natural History, . .	RICHARD J. ANDERSON, M.A., M.D. R.U.I., M.R.C.S. ENG.; Examiner, R.U.I.
Mineralogy and Geology, .	
Modern Languages, . .	VALENTINE STEINBERGER, M.A., F.R.U.I.

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Professors—*continued:*

Jurisprudence and Political Economy,	CHARLES FRANCIS BASTABLE, LL.D. DUB., B.L.
English Law,	WILLIAM B. CAMPION, B.A. DUB., Serjeant-at-Law.
Anatomy and Physiology,	JOSEPH P. PYE, M.D., M.CH., D.SC., F.R.U.I.
Practice of Medicine,	JOHN ISAAC LYNHAM, M.D., M.CH., M.A.O., F.R.U.I.
Practice of Surgery,	WILLIAM W. BERRETON, L.R.C.S.I., M.R.C.P.I.
Materia Medica,	NICHOLAS W. COLAHAN, M.D., M.CH., R.U.I.
Midwifery,	RICHARD JOHN KINKEAD, B.A., M.D. DUB., L.R.C.S.I.
Civil Engineering,	EDWARD TOWNSEND, M.A. DUB., D.SC.

(*The above compose the Corporate Body.*)

Council, 1900–1901:

THE PRESIDENT.

PROFESSOR SANDFORD.	PROFESSOR KINKEAD.
,, SENIER.	,, DIXON.
,, TOWNSEND.	,, STEINBERGER.

Office-Bearers:

Registrar,	PROFESSOR TOWNSEND.
Bursar,	,, LYNHAM.
Acting Librarian,	,, THOMPSON.

Deans of Residence:

Church of Ireland,	REV. JAMES F. BERRY, B.D.
General Assembly of the Presbyterian Church in Ireland,	REV. JOHN C. CLARKE, B.A.
Methodist Church,	REV. HENRY J. F. RANSON

Lecturers, 1899–1900:

Medical Jurisprudence,	PROFESSOR KINKEAD.
	,, SENIER.
Clinical Fever,	,, COLAHAN.
Pathology,	THOMAS MCKELVEY, M.B., B.CH., B.A.O.
Natural Philosophy,	JOHN HENRY, B.E., M.A., J.F.R.U.I. (*Demonstrator*).
Chemistry,	WILLIAM S. MILLS, B.A. (*Demonstrator*).
Anatomy,	HENRY E. S. RICHARDS, SEN. SCH. MED. (*Demonstrator*).

Senior and other *Scholars* also act as Assistants and Demonstrators to the Professors in the various departments, as required by the Council.

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Registrar's and Bursar's Offices.

The Offices of the Registrar and of the Bursar are open on week days during Session from 10 A.M. to 4 P.M., for the receipt of Fees, and transaction of other business. During recess, *letters* addressed to the Registrar will receive attention.

College Clerk, . . . James Duncan.

The College Session.

The College Session commences on the third Tuesday in October, and, in the Faculty of Arts and the School of Engineering, continues until the second Saturday in June; it is divided into three Terms.

The First Term of the Session 1900–1901 commences on October 16th, and ends on December 22nd, 1900.

The Second Term commences on January 7th, and ends on March 30th, 1901.

The Third Term commences on April 15th, and ends on June 8th, 1901.

In the Faculties of Law and Medicine the Sessions terminate in April.

Lectures.

Lectures in Arts, Medicine, and Engineering begin:—

In the First Term on 31st October.
In the Second Term on 8th January.
In the Third Term on 16th April.

Lectures in Law begin:—

In the First Term on 29th November.
In the Second Term on 21st February.

Duties of Matriculated Students.

"Every Matriculated Student shall obey the Statutes of the College, conform to all Decrees or other Regulations made by the authorities of the College for the maintenance of discipline and good conduct, and assist the College authorities in enforcing the same."—*Statutes.*

Every Matriculated Student is required to wear a cap and gown.

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GENERAL REGULATIONS.

I.—MATRICULATION.

THE Matriculation Examination is held at the commencement of the first Term of each Session. In the Session 1900–1901, it will commence on Friday, 19th October, at 10 o'clock, A.M.

An additional Matriculation Examination will be held on the 9th November.

Each Candidate, before being admitted to the Matriculation Examination, is required to pay to the Bursar the *Matriculation fee* of ten shillings. This fee will not be returned to Students who may fail to pass the Examination; but such Students may present themselves at any subsequent Matriculation Examination in the same year without additional payment.

All Students are required to appear in the Registrar's office for the purpose of having their names entered on the College books.

The Council will admit any Student to Matriculation, without examination, who has passed the Entrance Examination of either of the Queen's Colleges, Belfast or Cork, or of the Royal or any other University within the United Kingdom empowered to grant Degrees in the several Faculties of Arts, Law, Medicine, and School of Engineering. Provided that—

(*a*) His certificate of Matriculation be lodged with the Registrar:

(*b*) He pass any portion of the Matriculation Examination of the College that is not included in the Entrance Examination of such other College or University:

(*c*) His College Fees have been paid:

(*d*) His standing be counted from the date of his having passed the Entrance Examination of such College or University.

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A certificate of Matriculation will not be granted to any Student until he has paid the whole of the *Class Fees* for the Session, and commenced attendance on Lectures.

II.—AD-EUNDEM STUDENTS.

Any Student who has pursued part of his Collegiate Studies in any one of the Queen's Colleges, or in any University empowered to grant Degrees in Arts, Law, Medicine, and Engineering, or a Student of any School of Law, Medicine, or Engineering, recognized by the Council, may, on passing such Examinations, and fulfilling such other conditions as the Council shall prescribe, take corresponding rank in this College; and may also compete for Junior Scholarships or other Prizes of the corresponding year: provided he shall not hold at the same time a Scholarship or other office of emolument in any other University, College, or Medical School.

III.—NON-MATRICULATED STUDENTS.

Non-Matriculated Students may attend the Lectures of any Professor. They are required to pay to the Bursar the Fees for the Classes they propose to attend, and a College Fee of ten shillings, and to sign an engagement to observe order and discipline in the College. They are not entitled to compete for Scholarships or other Collegiate distinctions.

During the term of their attendance on College Lectures they are admitted to read in the Library, and are permitted to take out books on loan under the same regulations as Matriculated Students.

IV.—ADMISSION OF WOMEN.

Women may attend the Lectures of the Professors, and present themselves at the College Examinations. By a recent alteration in the statutes all Scholarships and Prizes are open to Students of either sex.

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V.—FEES PAYABLE BY STUDENTS.

To be paid to Bursar at commencement of First Term.

	£	s.	d.
College Fee—			
For each and every year, including Matriculation,	0	10	0
CLASS FEES.			
Pass Courses—			
For each Course,	2	0	0
Re-attendance on same,	1	0	0
Except for the following :—			
Anatomy and Physiology (First Course),	3	0	0
First Re-attendance on Physiology (by Junior Students),	2	0	0
Practical Anatomy,	3	0	0
*Practical Physiology,	2	0	0
Practical Anatomy (Post-Graduate and Six Months Honour Courses),	5	0	0
Practical Physiology (Post-Graduate and Six Months Honour Courses),	5	0	0
*Practical Histology,	2	0	0
Practical Chemistry,	3	0	0
Additional Instruction in Chemistry Laboratory (1st and 2nd Years' Courses), per month,	1	0	0
Practical Chemistry (Post-Graduate and Six Months Honour Courses),	5	0	0
Hebrew or Sanskrit,	3	0	0
†Practical Biology (3 months),	2	0	0
Practical Biology (3rd Year),	2	0	0
Practical Physics (Second and Third Terms),	2	0	0
Medical Jurisprudence,	2	0	0
Pathology,	2	0	0
Honour Courses—			
In all subjects of the 1st and 2nd Years,	2	0	0
‡In all subjects of the 3rd Year,	3	0	0
SCHOLARS.			

Junior Scholars are exempted from the payment of one-half of the Class Fees for *Pass Courses*, prescribed to Students of their Faculty and standing, when attended for first time.

VI.—RULES RELATING TO ATTENDANCE ON LECTURES.

All Matriculated Students are required to attend Lectures in Academical Costume.

No Student shall be admitted to Lectures until he has paid his College and Class Fees to the Bursar, and entered his name with the Registrar.

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* Conjoint Fee, £3.

† Students of Natural History are admitted to the Practical Biology Class on payment of £1.

‡ Except in Jurisprudence and Political Economy, in which the fees are £2 each.

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Attendance on Lectures includes preparation for Lectures; and a Professor, who on any occasion is not satisfied with the preparation of a Student, may refuse him credit for attendance.

In cases where Students pass from the Faculty of Arts to a different Faculty or School, they are exempted from re-attendance upon such Courses in Arts as they have already attended, which would otherwise be necessary for keeping the Academic year.

In cases of absence arising from illness, or other unavoidable cause, the Student is required, on resuming attendance, to lodge with the Registrar a letter or certificate explaining his absence, to be laid before the Council.

VII.—LIBRARY REGULATIONS.

ORDERS OF COUNCIL.

(I.) General.

The Library shall be opened and closed as follows:—

OPEN.

1st March to 30th June, from 10 a.m. to 5 p.m.
1st August to 30th September, from 11 a.m. to 3 p.m.
1st October to 28th February, from 10 a.m. to 4 p.m.

CLOSED.

During July, on College holidays, and a week at Christmas and Easter.

The Librarian shall attend in the Library each day from 11 a.m., to 3 p.m.

The Librarian shall enter the name of every new book in the Departmental Catalogue.

No book shall be issued, placed in the Professors' Room, or taken away by a Professor or Officer, until the invoice of the parcel which contained it shall have been examined by at least one Member of the Library Committee, the name of the book shall have been entered in the Catalogue, the book

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itself shall have been stamped, and its place in the Library shall have been marked on it.

Dictionaries, Grammars, Cyclopædias arranged in alphabetical order, works the chief value of which consists in plates and embellishments, and such books as the Library Committee shall enumerate, shall be issued only by special permission of the Library Committee.

The Librarian shall each day examine the recall book, and call in all books therein required.

If a book be not brought back when due or when required, the Librarian shall write to demand its immediate return, and if the demand be not complied with, he shall report the same to the Council.

The Librarian shall call in all books towards the close of the Second Term; and shall report to the Council the names of all persons in default.

Every book brought back to the Library shall be set aside by the Librarian's Assistant, until it shall have been inspected by the Librarian, and the said book shall not be re-issued (unless to the same borrower) until it shall have been so inspected.

The Librarian shall inspect each book returned, if not re-issued to the same borrower.

In case of a book or books being lost or injured, the Library Committee shall estimate the cost of such loss or injury, and the borrower shall pay same: or the amount may be deducted from the deposit lodged with the Bursar. The privilege of borrowing shall cease until the loss has been made good, or the deposit made up to the full amount.

No books shall be ordered except through the Librarian.

The Professors' room shall be kept strictly private.

(II.) Issuing of Books.

To Professors and Office Bearers.

A Professor may borrow whatever books from his own department he may require for the working of the same.

A Professor or Officer of the College may borrow books from any department other than his own, provided that the number of such volumes in his possession at anyone time do not exceed twenty; each volume to be returned within one month.

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A Professor or Officer of the College requiring a larger number of books for any special purpose, shall make application on each occasion for the same to the Library Committee, stating fully the grounds on which he requires them.

A Professor or Officer shall, on borrowing a book, enter its name and the date of issue in a book provided for that purpose, and, on his returning it, the Librarian shall enter the date of return.

A Professor or Officer requiring a book which is out may enter its name in a recall book to be kept for that purpose in the Professors' Room, and on its return shall have priority.

A Professor may, through the Librarian, call in any book lent from his department: and such book shall immediately be returned to the Library by the borrower.

The last number of any periodical shall not be removed from the Professors' Room until after the time limited by the posted notice, and the Librarian shall report to the Library Committee every infringement of this rule.

To Students.

No Student shall be admitted to the Library, except in full academical costume.

No Student shall be allowed to read in, or borrow books from, the Library until he shall have subscribed the following declaration:—

"I, the undersigned, do hereby promise to the President and Council of Queen's College, Galway, that I will not mark, turn down the leaves of, or write on paper placed upon, or in any way whatsoever soil, deface, injure or remove without permission, any book or document in the Library of said College. I also promise that I will not injure the Library furniture: that I will faithfully observe all the rules made for the regulation of the Library; and that I will acquaint the College Authorities with any serious instance of violation of the said rules which may come under my notice."

A Student, after depositing with the Bursar £1, may borrow three volumes, or on depositing £2, six volumes, at a time.

A Scholar can comply with this rule by giving the Bursar an order on his Scholarship for the amount of the deposit.

On the production, by a Student, of a certificate from the Librarian that all books borrowed by him from the Library have been returned uninjured, the Bursar shall, at the end of the term, repay the deposit.

The Library Committee may grant special permission to a Senior Scholar to borrow more books than the number of

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volumes specified in these rules, application for this privilege to contain the names of the books required, and to be countersigned by the Professor of the Department.

A Student shall not retain a book borrowed from the Library longer than one fortnight; but on returning it, may renew the loan, if it has not been in the meantime applied for.

On receiving at any time notice from the Librarian, a Student shall return within 48 hours, any books borrowed from the Library. On failure to comply with this rule he incurs a penalty of sixpence per volume for each day the book or books are retained, until the amount of fine equals the deposit.

To others than Professors or Students.

Any person resident in Galway may, by permission of the Council or of the Library Committee, obtain the privilege of borrowing books from the Library.

Each person on obtaining such permission, shall deposit the sum of £1 with the Bursar, which shall be refunded when he ceases to avail himself of the privilege, on presenting a certificate from the Librarian that all books borrowed by him have been returned uninjured.

No person may have more than two volumes on loan from the Library at the same time.

The borrower may not retain a book for longer than a fortnight, but may, on returning it, renew the loan if the book has not in the meantime been applied for.

Books shall not be issued to persons other than Professors, Office Bearers, or Students, except between 12 and 3 p.m. on Wednesdays and Saturdays.

VIII.—SESSIONAL EXAMINATIONS.

An Examination is held at the close of the Session in the subjects upon which Lectures have been delivered. Any Professor may, with the sanction of the Council, conduct the Sessional Examinations in any of his Classes by means of Term Examinations. Notice of this method shall be given to the Class at the beginning of the Session. Prizes may be awarded for distinguished answering in these Examinations; but no prize can be obtained by a student who fails in any of the subjects prescribed. Students to whom prizes are awarded must order their books from the College booksellers before the 1st of the following December, otherwise their prizes will be forfeited.

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A Supplementary Examination in the same subjects is held at the commencement of the following Session. Candidates intending to present themselves at the Supplementary Examination must give a fortnight's notice to the Registrar.

No Student is admitted to the Sessional or Supplementary Examination who has not attended at least three-fourths of the Lectures delivered in the prescribed Courses.

Every Matriculated Student in Arts, Law, and Engineering, must attend the Courses of Lectures prescribed to Students of his class and standing, and must pass either the Sessional or the Supplementary Examination, before his name can be entered on the College Register as having completed the Session.

IX.—SCHOLARSHIPS.

A.—Senior Scholarships.

The Council is empowered to award by Examination Eight Senior Scholarships of the value of £40 each to Matriculated Students, whose answering is reported as meritorious, and who shall have, during *three College Sessions* (of which *two at least* shall have been attended in Queen's College, Galway*), attended such Courses of Lectures, and passed such Examinations as shall be prescribed in that behalf by the Council, and who shall have passed the necessary Examinations within five years from the date of Matriculation, and who shall have complied with such further conditions as the Council shall impose, provided he shall not have previously obtained a Senior Scholarship in the same department in this or in either of the other Queen's Colleges.

Of these Scholarships one is awarded for proficiency in each of the following departments:—

1. Ancient Classics.
2. English, Modern Languages and Modern History.†
3. Mathematics.
4. Natural Philosophy.
5. Metaphysics and Political Science.†
6. Chemistry.
7. Natural History.
8. Engineering.
9. See note ‡.

* The *third* Session above referred to, as in the Statute relating to Senior Scholarships, may have been attended by Candidates in any one of the Queen's Colleges in Ireland, or in a College of any University in the United Kingdom.

† Changes will be made in the subjects of Examination for these Scholarships in 1901. See pp. 231, 232.

‡ One Senior Scholarship in *Anatomy and Physiology*, value £40, will

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All Senior Scholars are required to be in attendance in the College during their period of office, and to assist the Professors in such ways and under such regulations as the Council shall prescribe.

Senior Scholars, except in Engineering and Medicine, who have not taken the Degree of B.A., shall attend the Courses prescribed for the third year in Arts.

Senior Scholars in Engineering, who have not taken the Degree of B.E., shall attend the Courses prescribed for the Students in Engineering of the Third Year.

Senior Scholars not assisting the Professor must attend at least one Honour Course of three Terms.

For the dateof these Examinations, see page 162. For the Courses in the various branches, see pages 176, *sqq*.

B.—Junior Scholarships.

The Council is empowered to award Forty-five Junior Scholarships, tenable for one year, which are allocated as follows:—

(*a*) In the Faculty of Arts, thirty (value £24 each).

(*b*) In the Faculty of Law, two (value £25 each).

(*c*) In the Faculty of Medicine, eight (value £25 each).

(*d*) In the School of Engineering, five (value £20 each).

(*a*) Of the thirty Junior Scholarships assigned to the Faculty of Arts, ten—five Literary and five Science*—are awarded to Students of the *First Year* (see page 166); ten others—five Literary and five Science* to Students of the *Second Year* (see page 169); ten—five Literary and five Science—to Students of the *Third Year* (see page 172).

For Courses, see pages 166, *sqq*.

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also be open for competition at commencement of Session 1900–1901, tenable for one year, by a Student who shall have attended the Medical School of this College for at least Two Sessions, and shall have obtained a Degree in Arts or Medicine, or a Diploma in Medicine from a Licensing Body. The Senior Scholar shall act as Demonstrator, if appointed, and shall assist the Professor in such way as the Council shall prescribe.

* The Council may withhold Scholarships in either department on the ground of insufficient answering, and may assign Scholarships so withheld to the other department.

If a Candidate be placed *first* in the order of merit in *both* departments, he is entitled to two Junior Scholarships, but in no other case can the same person hold two Scholarships simultaneously.

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(*b*) Of the two Junior Scholarships appropriated to the FACULTY OF LAW, *one* is tenable by a Student of the *First* Year, *one* by a Student of the *Second* Year.

For Courses, &c., see page 202.

(*c*) Of the eight Junior Scholarships appropriated to the FACULTY OF MEDICINE, *two* are tenable by Students of the *First* Year, *two* by Students of the *Second* Year, *two* by Students of the *Third* Year, and *two* by Students of the *Fourth* Year.

For Courses, &c., see pages 205, *sqq.*

(*d*) Of the five Junior Scholarships appropriated to the SCHOOL OF ENGINEERING,* *two* are tenable by Students of the *First* Year, *two* by Students of the *Second* Year, and *one* by a Student of the *Third* Year.

For Courses, see pages 227, *sq.*

Junior Scholars in any Faculty are exempted from the payment of one half of the Class Fees for the *Pass Courses prescribed to Students of their faculty and standing.* (See pages 183, 202, 205, 222, and 225).

The Examinations for Junior Scholarships are held during the first term of the Session.

No Student can compete for any Scholarship until—

(*a*) He has Matriculated.†

(*b*) He has paid the College and Class Fees.

(*c*) He has entered his name with the Registrar.

(*d*) He has (except when a candidate for a Junior Scholarship of the First Year) completed the course of the previous year in any one of the Queen's Colleges, or in any University empowered to grant Degrees.

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* Candidates for Junior Scholarships of the First Year in Arts or Engineering must declare which they intend to compete for, as competition for both is inadmissible.

† Non-Matriculated Students, who satisfy the Registrar that they have been *bonâ fide* Candidates at the Current Matriculation Examination of the Royal University, may be admitted to the Scholarship Examinations on payment of the stated Fees, but cannot be elected to Scholarships unless they produce to the Registrar Certificates of having passed that Matriculation Examination, on or before the day on which the Scholarships are awarded.

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No Student can compete for a Scholarship in any Course substantially the same as, or included in, one in which he has already held a Scholarship or Exhibition in this, or in either of the other Queen's Colleges.

No Scholarship will be awarded to a Candidate who is not, in the opinion of the Examiners, sufficiently qualified in the prescribed Course.

Scholars failing to attend the prescribed Courses of Lectures, and to pass the Sessional Examinations, vacate their Scholarships. Students attending Honour Lectures must pass the Sessional Examinations in the subjects of such Lectures.

For the days and hours of examination for these Scholarships see pages 162, 163.

EXHIBITIONS.

The Council may award Exhibitions, tenable for one year, to Matriculated Students at the Examinations for Junior Scholarships.

No Student is allowed to compete for an Exhibition in any Course substantially the same as that in which he has already held a Scholarship or Exhibition.

Exhibitioners failing to attend the prescribed Courses of Lectures, and to pass the Sessional Examinations, forfeit their Exhibitions.

The "Blayney" Exhibition.

An Examination for one Exhibition, value about £30, in connection with the "Blayney" Bequest, is held in the month of December of each year, on the following conditions :—

1. No Candidate is eligible if more than two and a-half years have elapsed from the date of his Matriculation in this College to the time of the Examination.

2. The Holder of the Exhibition must attend Honour Classes, as required by the Council in this College, during the Session in which he shall have obtained the Exhibition;

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he must pass the College Sessional Examinations at the close of the same Session, and he must qualify for First Class Prizes at these Examinations in the subjects in which he shall have obtained the Exhibition.

3. The Council retain the power of withholding, or of awarding only a portion of the Exhibition.

4. The "Blayney" Exhibition may be held along with any Scholarship.

5. One-half of the Exhibition will be paid in January, and one-half in the following month of July, provided the Holder shall have satisfied the conditions stated above.

The Exhibition is awarded in alternate years for Classical and Scientific merit, respectively. In 1900 the Course will be in Classics.

The following is the Course :—

1. Composition in Greek and Latin Prose.
2. Higher Grammar and Philology (Giles, *Manual of Comparative Philology*; and Lindsay, *Short Historical Latin Grammar*).
3. Translation of unprescribed passages.
4. The following authors :—

   Greek, Aristophanes, *Frogs* and *Clouds*; Aristotle, *Poetics*.

   Latin, Tacitus *Annals* XV., XVI.; Plautus, *Rudens*, and *Aulularia*.

The Examinations will begin on Monday, 3rd December, 1900.

"BLAYNEY" EXHIBITIONERS.

1890 (*Classics*),	Mahon, John S. (Sch.)
1891 (*Science*),	M'Clelland, John A. (Sch.)
1892 (*Classics*),	M'Gregor, William (Sch.)
1893 (*Science*),	None awarded.
1894 (*Classics*),	Johnston, James (Sch.) (Mills, John (Sch.), *proxime accessit*.)
1895 (*Science*), (*Classics*),	Carmichael, John S. (Sch.) Reid, John (Sch.)
1896 (*Classics*),	Hezlett, James (Sch.)
1897 (*Science*),	McLean, Andrew H. (Sch.)
1898 (*Classics*),	Williams, William J. (Sch.), in part.
1899 (*Science*),	Strain, Thomas G.
1900 (*Classics*),	O'Neill, Joseph J. (Sch.)

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THE "DR. AND MRS. W. A. BROWNE" SCHOLARSHIP.

An Examination for a Scholarship of the yearly value of about £37, founded and endowed by Dr. W. A. Browne, on behalf of and in memory of his wife Caroline Charlotte Browne, F.Z.S., is held early in the First Term of each year.

The Scholarship is awarded for proficiency in the French and German languages, a competent colloquial knowledge of both languages being required.

It is open to any Matriculated Student of Queen's College, Galway, of either sex, who is a natural born subject of Her Majesty, if not more than two years have elapsed from the 1st of January following his, or her, Matriculation.

The Scholarship shall be held for one year only; but the successful candidate, if otherwise qualified, may compete in succeeding years, provided that no Student shall hold the Scholarship more than three times.

The Scholar, during the year of tenure of the Scholarship, shall attend the lectures prescribed to Students of his, or her, faculty and standing, and shall pursue honour Courses in French and German Literature in the College, and shall qualify for a Sessional Prize in these subjects.

The Scholarship may be held along with any other Scholarship.

One-half of the Scholarship will be paid in January, and one-half in the following July, provided the holder shall have satisfied the conditions stated above.

The Council retains the power of withholding the whole or of awarding only a portion of the Scholarship, if sufficient merit be not shown. In case the whole or part of the Scholarship be not expended in any year, the Council shall apply the money so accruing to the purpose of giving an additional Scholarship in the next or following years, in the same subjects and under the same regulations.

Scholars.

1899–1900, . . . Steinberger, Cecil Lucy Marian.

The answering of Mr. Edward H. M'Grath was very favourably reported on by the Examiner.

1900–1901, . . . Steinberger, Cecil Lucy Marian.

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Research Scholarship.

A Research Scholarship in Science (value £150 per annum, tenable for two years, subject to a satisfactory report at the end of the first year) has been offered by the Royal Commission for the "1851 Exhibition," to students of science of at least three years' standing who have been recommended by the authorities of this College. For information respecting the nomination for 1899–1900 given to this College by the Royal Commission, application may be made to the Registrar.

1892–93,	Gannon, William, M.A.
[1893–94,	Gannon, William, M.A.*]
1894–95,	M'Clelland, John A., M.A.
1895–96,	M'Clelland, John A., M.A.
1896–97,	Henry, John, M.A., B.E.
1897–98,	Henry, John, M.A., B.E.
1898–99,	Ryan, Hugh, M.A.
[1899–1900,	Ryan, Hugh, M.A., D.Sc.†]
1900–1901,	Mills, William S., B.A.

The President's Medal.

This Medal for excellence in Oratory and English Composition, founded by the late President, Sir Thomas Moffett, will be awarded annually in connection with the Literary and Debating Society, by the President.

Medalists.

1895–96,	Farley, William J., B.A.
1896–97,	Curry, David S., B.A.
1897–98,	O'Grady, Henry G.
1898–99,	Moore, William Irwin.
1899–1900,	

* Resigned Scholarship on being appointed to Lectureship in the Owens College, Manchester.

† Resigned on being appointed Professor of Chemistry in the Catholic School of Medicine, Dublin.

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TIME TABLES OF EXAMINATIONS.

I.—Supplementary Examinations for First, Second, and Third Year Students will be held on Tuesday, the 16th October and Wednesday, the 17th October, 1900, from 10 a.m. to 1 p.m., and 2 p.m. to 5 p.m.

II.—Days and Hours of Matriculation and Scholarship Examinations, October, 1900.

DAYS.	HOURS.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	
			JUNIOR SCHOLARSHIPS.	JUNIOR SCHOLARSHIPS.	SENIOR SCHOLARSHIPS.
Thursday, 18th Oct.	10—1		Arts.—Latin.	Arts.—Latin.	Latin.
	2—5		Arts.—Greek.	Arts.—Greek.	Greek.
Friday, 19th Oct.		MATRICULATION.			
	10—11½	English.	10—1 { Arts.—English. Engin.—Geometrical Drawing, &c.	10—1 { Arts.—English.	French.
	11½—1	Latin.			
	11½—1	Greek.			
	2—3½	French or German or Italian.	2—5 { Arts.—English. Engin.—Geometrical Drawing, &c.	2—5 { Arts.—English.	German. Italian.
	3½—5	Mathematics.			
Saturday, 20th Oct.	10—1	Experimental Physics.	Arts.—Latin.	Arts.—Latin.	Latin.
	2—5		Arts.—Greek.	Arts.—Greek.	Greek.

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Monday, 22nd Oct.	10—1	Arts. Med. English.	Arts. Med. Engin. Modern Languages.	Arts.—Modern Lang. Engin.—Engineering.	Engineering. Political Science.
	2—5	Arts. Med. Greek.	Arts.—Modern Languages.	Engin.—Engineering. Arts.—Modern Lang.	Engineering. Modern History.
Tuesday, 23rd Oct.	10—1	Arts. Med. Latin.	Med. Engin. Theoretical Chemistry.	Arts.—Chemistry.	Theoretical Chemistry.
	2—5	Arts. Med. Greek.		Arts.—Mathematical Physics.	Mathematical Physics.
Wednesday, 24th Oct.	10—1	Arts. Med. Latin.	Arts. Med. Engin. Experimental Physics.	Engin.—Mathematical Physics. Arts.—Exper. Physics.†	Exper. Physics.†
	2—5	Arts. Med. Engin. Arithm. Algebra.	Arts. Engin. Mathematics.	Arts.—Mathematics.	Metaphysics.
Thursday, 25th Oct.	10—1	Arts. Med. Engin. Geom. Trig.	Arts. Engin. Mathematics. Med.—Anatomy.	Arts.—Mathematics. Engin.—Mathematics.	Mathematics.
	2—5	Arts. Med. Celtic.	Med.—Anatomy.	Arts—Nat. History.	Practical Chemistry.*
Friday, 26th Oct.	10—1	Arts. Med. German.	Med.—Natural History.	Arts.—Geology.	English. Nat. History.
	2—5	Arts. Med. French.	Med.—Natural History.	Arts.—Logic.	English.
Saturday, 27th Oct.	10—1	Arts. Med. Italian.		Engin.—Practical Chemistry.	

For **Examinations** for *Third* and *Fourth* Years' Scholarships in *Medicine*, and for Junior Law Scholarships, see next page.

* This Examination usually extends over two days, the hours to be arranged with Examiner.

† There will be an Examination in Practical Physics, day and hour to be arranged.

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III.—DAYS AND HOURS OF THE EXAMINATIONS FOR MEDICAL SCHOLARSHIPS OF THE THIRD AND FOURTH YEARS, 1900.

DAYS.	MONTHS.	HOURS.	SUBJECTS.
THURSDAY,	25th October,	10—1, 2—5,	Anatomy. Physiology.
FRIDAY,	26th October,	10—1, 2—5,	Materia Medica. Surgery.
SATURDAY,	27th October,	10—1, 2—5, 10—1,	Midwifery. Medicine. Practical Chemistry.
MONDAY,	29th October,	10—11½, 11½—1,	Medical Jurisprudence.

Examinations for JUNIOR LAW SCHOLARSHIPS will be held on the 20th and 21st December, 1900.

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EXAMINATIONS.

COURSES FOR THE SESSION 1900–1901.

I.—MATRICULATION.*

[**For Regulations and date see pages 148 and 162.**]

A.—*In the Faculties of Arts, Law, and Medicine.*

Subjects:

i. *Latin.*
ii. Any one of the following languages:—*Greek, French, German, Italian.*
iii. *English.*
iv. *Mathematics.*
v. *Experimental Physics.*

The following are the particulars of the foregoing subjects of Examination:—

i. *Latin*, . . Ovid—*Metamorphoses*, Bk. xiv.
Cicero—*De Senectute; De Amicitia.*
Outlines of Roman History, from 390 B.C. to 27 B.C. (Smith's smaller *History of Rome.*)
[NOTE.—A paper will be set in Latin Grammar, and easy sentences will be set for translation into Latin.]

ii.
Greek, . . Plato—*Apology of Socrates.*
Euripides—Scenes from *Hecuba.* (Longmans.)
Outlines of Grecian History, from 560 B.C. to 322 B.C. (Smith's smaller *History of Greece.*)
[NOTE.—A paper will be set in Greek Grammar touching on Declensions, Conjugations, and Rules of Syntax.]

French, . . Souvestre—*Au coin du feu.*
Coppée—*Le Passant.*
Elements of French Grammar.
Easy sentences for translation into French.
Oral Examination.

German, . . Kohlrausch—*Das Jahr*, 1813.
Schiller—*Wilhelm Tell*, Acts i. and ii.
Elements of German Grammar.
Easy sentences for translation into German.
Oral Examination.

Italian, . Goldoni—*Il Burbero benefico.*
Tasso—*Gerusalemme Liberata*, Cantos i. and ii.
Elements of Italian Grammar.
Easy sentences for translation into Italian.
Oral Examination.

* Matriculation Certificates of the Queen's Colleges, Belfast and Cork, and of the Royal University of Ireland, and of other Universities, are accepted by this College.

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iii. ***English,*** . . English Grammar and Composition, together with the Principles of Rhetoric and Composition.
Scott—*Ivanhoe.*
Milton—*Paradise Lost, Book I.; Lycidas.*

iv. ***Mathematics,*** . Arithmetic, including Vulgar and Decimal Fractions, Proportion and its applications, and the Extraction of the Square Root.
Algebra, including Fractions, and the solution of Simple Equations.
Geometry—Euclid, Books i., ii., iii.

v. ***Experimental Physics:*** The Elementary Principles of Dynamics and Hydrostatics, as treated in Everett's Elementary Text-book of Physics.

B.—*In the School of Engineering.**

Subjects:

i. ***Mathematics.***—Same as Course in Faculty of Arts.

ii. ***History, Geography, and the English Language.*** History—Outlines of Ancient History. Geography—Outlines of Ancient and Modern Geography. English Language—English Grammar and Composition.

iii. ***Experimental Physics:*** Same as Course in Faculty of Arts.

II.—JUNIOR SCHOLARSHIPS OF THE FIRST YEAR.

[For Regulations see pp. 156 sqq. For dates of Examinations see pp. 162 and 163.]

1. Faculty of Arts.

A.—*Literary Scholarships of the First Year.*

Subjects:

i. ***Latin.***

ii. Any one of the following languages:—***Greek, French, German, Italian, Celtic.***

iii. ***English.***

NOTE.—In Group ii., embracing Greek, French, German, Italian, Celtic, the candidates must answer in one subject, may answer in two, but not in more.

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* See footnote, p. 165.

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Detailed Courses:

[The maximum mark is attached to each subject, and no mark under one-fifth of this is taken into account.]

i. *Latin* (150), . Livy—*Book* xxi.
Sallust—*Jugurtha.*
Horace—*Odes*, Book i. [omitting 13, 19, 23, 25, 33], and Book iv., *Art of Poetry. Satires*, ii. (omitting 7).
A piece of unprescribed Latin.
A paper on Latin Grammar.
Roman History—133–65 B.C. (Student's Rome).
Composition in Latin Prose.

ii. *Greek* (150), . Homer—*Iliad*, Book i. and Book ii. to line 481, and *Odyssey* Book ix.
Demosthenes—*Philippics*, i, ii, iii.
Isocrates—*Panegyricus.*
A piece of unprepared Greek.
A paper in Greek Grammar (Accidence, ordinary Rules of Syntax, and idiomatic Constructions).
Grecian History—560 to 322 B.C. (The Students' Greece, or Oman's History of Greece), and outlines of Greek Literature (Jebb's Primer).
Composition in Greek Prose.

French (100), . Lamartine—*Le Tailleur de Pierre de St. Point*, from chap. vi. to end.
Racine—*Les Plaideurs.*
Ponsard—*Charlotte Corday.*
French Grammar. Translation from English into French.
Oral Examination.

German (100), . Freytag—*Die Journalisten.*
Schiller—*Wilhelm Tell*, Acts i., ii., iii.
German Grammar. Translation from English into German.
Oral Examination.

Italian (100), . Machiavelli—*Istorie Fiorentine*, Books iii. and iv.
Maffei—*Merope.*
Manzoni—*I Promessi Sposi* (Clapin).
Italian Grammar. Translation from English into Italian. Oral Examination.

Celtic * (100), . *Oidhe Chloinne Lir.*
Irish Phrase-Book (Hogan).
Sgeuluidacht Chuige Muman (O'Leary).
Handbook of Irish Idioms (Hogan).
Grammar and Composition.
Keating's *History of Ireland*, Book i., Part i.

* No Candidate can take Celtic as a subject unless he has given the Registrar notice of his intention at least six weeks before the date of Examination.

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iii. ***English*** (100), . Milton—*Paradise Lost*, i., and *Lycidas*.
Principles and Practice of English Composition (Fallon, Dublin).

English Essays in the Warwick Library. Nos. 5, 7, 12, 22, 23, 24, 27, 28, 29, 31, 32, 35 37, 40, 41, 42, 43, 44, 47, 49 (Blackie).

Shakspere—*Richard II.*, *The Tempest*.

Dryden—Essays on *Satire*, *Translation*, *Poetry*, *and Painting*.

English Grammar and Composition.

B.—*Science Scholarships of the First Year.*

Subjects:

i. *Arithmetic*—

Including Vulgar and Decimal Fractions, Proportion and its applications, and the extraction of the Square Root.

ii. *Algebra*—

Including the Solution of Simple and Quadratic Equations; Progressions, Permutations and Combinations, the Binomial Theorem for a positive Integral exponent, the nature and use of Logarithms, Problems.

iii. *Geometry*—

Euclid, Books i.–vi., or the subjects thereof. Deductions.

iv. *Plane Trigonometry*—

So far as to include the Solution of Triangles. Problems.

v. The use of Logarithmic and Trigonometrical Tables.

2. Faculty of Law.

One Junior Scholarship is awarded in the First Year.

Examination to be held in December.

For the Course, see page 203.

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3. Faculty of Medicine.

Two Junior Scholarships are awarded in the First Year. (See page 156).

The Course for one is the same as that prescribed for *Literary* Scholarships of the First Year in the Faculty of Arts (pages 166, 167), and the Course for the other is the same as that prescribed for *Science* Scholarships of the First Year in the Faculty of Arts (page 168). But the Council may withhold either Scholarship if sufficient merit be not shown, and may assign the Scholarship so withheld to the other depart ment. Exhibitions may also be awarded.

4. School of Engineering.

Two Junior Scholarships are awarded in the First Year.

The Course for these Scholarships is the same as that prescribed for the *Science* Scholarships of the First Year in the Faculty of Arts (page 168). The Council may withhold the Scholarships, or award Exhibitions as in the Faculty of Arts.

III.—JUNIOR SCHOLARSHIPS OF THE SECOND YEAR.

1. Faculty of Arts.

A.—*Literary Scholarships of the Second Year.*

Subjects:

i. ***Latin.***

ii. Any one of the following languages:—

Greek, French, German, Italian.

[Candidates may select two, but not more, of these four languages.]

iii. ***English.***

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Detailed Courses:

[The maximum mark is attached to each subject, and no mark under one-fifth of this is taken into account.]

i. ***Latin*** (200), .
Horace—*Satires* ii. *Odes*, Bk. ii.
Virgil—*Eclogues* and *Georgics*, ii.
Livy—*Book* xxxiv.
Cicero—*Pro Sulla.*
Translation at sight.
Latin Prose Composition, and Questions on Grammar and Philology.
Roman History—from B.C. 241 to B.C. 196. (*Mommsen*, vol. ii., Book iii., chaps. 3–8).
Literature—The Augustan Age (Students' Companion to Latin Authors, chap. iii.).

ii. ***Greek*** (200), .
Euripides—*Hercules Furens.*
Homer—*Odyssey*, ix. and x.
Herodotus—*Book* ix.
Plato—*Meno.*
Demosthenes—*Olynthiacs.*
Translation at sight.
Greek History—from B.C. 560 to 429 B.C..
Greek Prose Composition, and Questions on Greek Grammar and Philology.

French (150), .
Bonnechose—*Lazare Hoche* (Hachette).
Labiche et Jolly—*La Grammaire.*
Corneille—*Horace.*
Questions on the Works and Lives of the Author, prescribed.
French Grammar.
Translation from English into French.

German (150), .
Goethe—*Poems*: Mignon, Der Sänger, Erlkönig, Fischer, König in Thule, Schatzgräber, Zauberlehrling.
Goethe—*Hermann und Dorothea.*
Lessing und Gellert—*Fabeln*, &c. (Pitt Press Series).
Heine—*Die Harzreise.*
German Grammar.
Translation from English into German.
Questions on the Works and Lives of the Authors prescribed.

Italian (150), .
Manzoni—*I Promessi Sposi.*
De Amicis—*Gli Amici di Collegio.*
Tasso—*Gerusalemme Liberata*, Cantos v. to viii., inclusive.
Italian Grammar.
Translation from English into Italian.
Questions on the Works and Lives of the Authors prescribed.

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iii. *English* (150), . Shakspere—*Macbeth.*
Pope—*Essay on Man.*
Johnson—*Life of Addison* and *Swift. Rasselas.*
Gray—*Elegy;* Odes on *Spring, Eton, Adversity, the Progress of Poesy; the Bard.*
Addison—*Critical Papers* (Arnold's edition).
History of English Literature from 1700 to 1800.
English Composition.

B.—*Science Scholarships of the Second Year.*

Subjects:

(1.) Mathematics.

The Course appointed for Science Scholarships of the First Year, and in addition the following :—

Algebra—

Nature and Simpler Transformations of Equations.

Geometry—

Elements of Solid Geometry—Euclid, Book xi., Propositions 1 to 21, inclusive, with easy deductions from them; Elementary Properties and Mensuration of the Prism, Pyramid, Cone of Revolution and Sphere.

Trigonometry—

Plane Trigonometry (including Mensuration of Plane Figures, Determination of Heights and Distances, Properties of the Circumscribed, Inscribed, and Escribed Circles, and the Use of Tables); and Spherical Trigonometry (including the Solution of Triangles).

Analytical Geometry—

Discussion of the Equations of the Right Line and Circle in Cartesian and Polar Co-ordinates; Equations of the Conic Sections, deduced from their Geometrical Definitions, with their Elementary Properties. Easy Problems.

(2). Experimental Physics.

The Elementary Principles of Mechanics, Hydrostatics, Pneumatics, Sound, Heat, Light, Electricity and Magnetism.

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2. Faculty of Law.

One Junior Scholarship (value £25) is awarded in the Second Year.

For the date of Examination see page 164.

For the Course see pages 203, 204.

3. Faculty of Medicine.

Two Junior Scholarships (value £25 each) are awarded in the Second Year.

For days and hours of Examination see page 162.

For the Course see page 219.

4. School of Engineering.

Two Junior Scholarships (value £20 each) are awarded in the Second Year.

For days and hours of Examination see page 162.

For the Course see page 227.

IV.—JUNIOR SCHOLARSHIPS OF THE THIRD YEAR.

1. Faculty of Arts.

A.—*Literary Scholarships of the Third Year.*

Subjects:

i. ***Latin.***

ii. Any one of the following languages:—

Greek, French, German, Italian.

[Candidates may select two, but not more than two of these four languages.]

iii. ***English.***

iv. ***Logic*** (Optional).

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Detailed Courses:

[The maximum mark is attached to each subject, and no mark under one-fifth of this is taken into account.]

i. *Latin* (200), . Tacitus—*Germania*; Juvenal—*Satires*, 4, 5, 7. 8, 10; Cicero—*In his Letters*, xli. to lxxx. (Tyrrell's edition); *Tusc. Disp.* i.; Lucretius—*Book* v.; Martial (Macmillan), i.–iv.
Translation at Sight.
Latin Prose Composition, and questions on Grammar and Philology.
Roman History—*Mommsen's Provinces of the Roman Empire*, vol. pp. 1–194 (Eng. Trans.); and history of the period from 31 B.C. to 68 A.D. (*Students' Roman Empire*).
Literature—*Students' Companion to Latin Authors*, chaps. i.–iii.

ii. *Greek* (200), . Homer—*Iliad*, xvi., xxi., xxii.; Sophocles—*Oedipus Rex* and *Antigone*; Plato—*Phaedo*; Thucydides, Book vii.
Translation at Sight.
Greek Prose Composition, and questions on Grammar and Philology.

French (150), . Boileau—*L'Art Poétique*. Racine—*Andromaque*. Molière—*Le Misanthrope*. Corneille—*Le Cid*.
Labbé—*Morceaux choisis des auteurs contemporains* (Librairie Bélin).
French Grammar.
Translation from English into French.
Elementary history of the French language.
French Literature during the age of Louis XIV.

German (150) . Schiller—*Die Piccolomini*; *Wallenstein's Lager*.
Goethe—*Wahrheit und Dichtung*, i. ii. iii.
Raumer—*Der erste Kreuzzug*.
German Grammar.
Translation from English into German.
Elementary history of the German language.
German Literature from 1748–1832.

Italian (150), . Goldoni—*Un Curioso Accidente*.
Alfieri—*Oreste*.
Machiavelli—*Istorie Fiorentine*, Bks. i.–iv. incl.
Dante—*Inferno*.
Italian Grammar.
Translation from English into Italian.
Elementary History of the Italian language.
Italian Literature from 1260–1376.

iii. *English* (150), . Shakspere—*Hamlet and Richard III.*
Spenser—*Faëry Queene*, Book i.
Milton—*Paradise Lost*, i. and ii.
Bacon—*Essays*, xxi. to xl. inclusive.
Sidney—*Defence of Poesie*.
History of English Literature, 1579–1616.
English Composition.

iv. *Logic* (50), . . Deductive Logic.

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B.—*Science Scholarships of the Third Year.*

Subjects:

i. ***Mathematics.***

ii. ***Mathematical Physics.***

iii. ***Experimental Physics.***

iv. ***Chemistry.***

v. ***Natural History.***

vi. *Geology* (including Mineralogy and Physical Geography).

Detailed Courses:

[The maximum mark is attached to each subject].

i. *Mathematics* (140), Algebra and Theory of Equations, including Series, Determinants, Probability, and the solution of Cubic and Biquadratic Equations.
Plane Geometry and Elementary Solid Geometry.
Plane and Spherical Trigonometry.
Analytical Geometry, including Trilinear Co-ordinates, and the discussion of the General Equation of the Second Degree.
Differential and Integral Calculus.

ii. *Mathematical Physics* (100), Mechanics, Hydrostatics, Geometrical Optics, and Astronomy, as treated by the simpler mathematical methods.

iii. *Experimental Physics* (100), The Course for this Examination includes that for the Science Scholarship of the Second Year; but a more extensive knowledge of the subject is required. In addition Candidates are required to show proficiency in Physical Manipulation and Measurements.
Schuster and Lee's Practical Physics is recommended.

iv. *Chemistry* (100), Lecture Course prescribed for Arts Students of the Second Year. (See page 49).

v. *Natural History* (100), Subject of Natural History Lectures and Practical Biology Demonstrations of Second Year Arts.
Students are recommended to read A. Thomson's Zoology, Marshall and Hurst's Practical Biology, Vines' Botany.

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vi. *Geology, Mineralogy, and Physical Geography* (100), . .	Subjects of Geological Lectures delivered to Second Year Arts Students. Geikie's Class Book. Dana's Class Book of Mineralogy. Gregory's Physical Geography.

Candidates must answer in two, may answer in three, but not more of the foregoing subjects.

2. Faculty of Medicine.

Two Junior Scholarships (value £25 each) are awarded in the Third Year.

For the Courses see page 220.

3. School of Engineering.

One Junior Scholarship (value £20) is awarded in the Third Year.

For the Course see page 227.

V.—JUNIOR SCHOLARSHIPS OF THE FOURTH YEAR.

Faculty of Medicine.

Two Junior Scholarships (value £25 each) are awarded in the Fourth Year.

For the Courses see page 221.

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VI.—SENIOR SCHOLARSHIPS.

[For Regulations see p. 155.]

1.—Ancient Classics.

Greek, . . Pindar—*Olympian*, i.–vii.
Aristotle—*Poetics*.
Æschylus—*Agamemnon*, and *Choephoræ*.
Aristophanes—*Acharnians*, and *Knights*.
Theocritus—*Id.* 1, 2, 3, 6, 7, 9, 10.
Translation from an unprescribed author.
Grecian History.
Composition in Greek Prose.
Higher Greek Grammar and Philology.

Latin, . . Tacitus—*Annals*, xv., xvi.
Lucretius—*Book* v.
Plautus—*Aulularia*, *Rudens*.
Cicero—*Ad Atticum*, viii., ix., x.
Virgil—*Aeneid*, v., vi., vii.
Horace—*Odes*, ii. and iii.
Persius—*Sat.* 1, 2, 3, 5, 6.
Roman History. Mommsen's *Provinces of the Roman Empire*, vol. i.
Giles—*Manual of Comparative Philology* (Parts i. and ii.)
Student's Companion to Latin Authors.
Latin Prose Composition.

2.—English, Modern Languages, and Modern History.

(i.) *English*, . . Chaucer—*The Prologue*.
Shakspere—*Twelfth Night* and *King John*.
Bacon—*Advancement of Learning*, *Book* ii., Chaps. 1–21.
Wordsworth—*M. Arnold's Selections*.
Byron—*M. Arnold's Selections* (including Preface).
Burke—*Speech on American Taxation, and Speech on Conciliation with America*.
Coleridge—*Lectures and Notes on Shakspere* (Bohn's Series, pp. 183–394).
Thackeray—*English Humourists of the Eighteenth Century*.
Cowper—*Task*.
History of English Literature, 1800–1850.
English Essay.

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(ii.) Any two of the following:—*French, German, Italian.*

French, . .	Taine—*L'Ancien Régime*, ii., iii., iv. Fénelon—*Lettre à l'Académie*. Corneille—*Le Cid, Cinna.* Molière—*Les Précieuses Ridicules, Les Femmes Savantes.* Buffon—*Discours sur le style.* Darmesteter et Hatzfeld—*Tableau de la Littérature au seizième Siècle.* French Literature during the 17th and 18th centuries. Elements of the History of the French Language. Translation from English into French.
German, . .	Schiller—*Die Jungfrau von Orleans.* Goethe—*First Part of Faust.* Freytag—*Soll und Haben*, Buch I. Schiller—*Wilhelm Tell.* History of German Literature of the 17th Century. Elements of the History of the German Language. Translation from English into German.
Italian, . .	Dante—*Il Purgatorio.* Monti—*In Morte di Ugo Basseville, In Morte di Lorenzo Mascheroni.* Tasso—*La Gerusalemme Liberata.* Manzoni—*I Promessi Sposi.* Gino Capponi—*Storia della Republica di Firenze*, books 1, 2. Translations from English into Italian. Elements of the History of the Italian Language. History of Italian Literature from the death of Boccaccio to Tasso.
(iii.) *Modern History*,	History of Great Britain and Ireland from 1589 to 1815. History of France during the same period.

3.—Mathematics.

In addition to the Mathematical Course appointed for Science Scholarships of the second year:—

The Theory of Algebraical Equations, including their numerical solution.

Analytical Geometry of two and of three dimensions.

Differential and Integral Calculus, including applications to Geometry.

Differential Equations.

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4.—Natural Philosophy.

Mathematical Physics—

Statics, with the Elementary Theory of Attractions.
Dynamics of a Particle.
The Elementary Principles of the Dynamics of Rigid Systems.
Hydrostatics.
Geometrical and Physical Optics.
Spherical Astronomy.

Experimental Physics—

The subjects treated in Everett's Translation of Deschanel's Natural Philosophy, Preston's Theory of Light, Preston's Theory of Heat, Fleming's Alternate Current Transformer, Part I., and Ewing's Magnetic Induction.

Candidates will be required to show a practical knowledge of the use of Physical apparatus.

5.—Metaphysics and Political Science.

I. (A) *General Metaphysics—*

(i.) Object, methods, and chief divisions of Metaphysics

(ii.) Notion of Being. Conceptions of Existence, Essence, Substance. Quality, Accident, Nature, Subsistence, Personality, Unity, Number, Identity, Diversity, Simplicity, Extension, Quantity, Space, Duration, Finite, Infinite; Relation; Possibility; Cause and Effect.

(B) *Psychology—*

(i.) Analysis of Psychological Phenomena, as Consciousness, Sensation, Imagination, Remembrance, Judgment, Reasoning, Appetite, Emotion, Volition, Freedom of Will.

(ii.) Subject, Object, and their relation in cognition. Perception, Conception. Laws of mental develcpment, and Association of mental phenomena. The Nature and Properties of the Human Mind; mutual relations of the Mind and Body. Immortality.

(C) *Outlines of the History of Philosophy*, from Descartes to Kant (inclusive).

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Candidates will be required to answer on the above Course—

Either according to the principles of the philosophy of Aquinas [as expounded in Zigliara's *Summa Philosophica in usum Scholarum* or other similar treatise.]

Or according to the principles of Sir W. Hamilton's Psychological and Metaphysical system; with special reference to Hamilton's Lectures on Metaphysics, Lectures XVI. to XL., and Notes A, B, C, in his edition of Reid, excluding the merely historical matter contained in those notes.

II. (A) *Jurisprudence*—

Austin—*Jurisprudence* (Student's Ed.).
Holland—*Jurisprudence.*
Maine—*Ancient Law.*
Early History of Institutions.
Early Law and Custom.

(B) *Economics*—

J. S. Mill—*Political Economy.*
Ingram—*History of Political Economy.*
Marshall—*Elements of Economics,* vol. i.
C. S. Devas—*Political Economy.*
Gibbins—*Industry in England.*

6.—Chemistry.

(i.) *Theory of Chemistry*—inorganic and organic—

Books recommended:

Roscoe and Schorlemmer's *Treatise on Chemistry,* non-metals and metals.
Bernthsen—*Organic Chemistry* (translated by M'Gowan), *or*
Richter—*Organic Chemistry* (translated by Smith).
L. Meyer—*Outlines of Theoretical Chemistry* (translated by Bedson and Williams).
Hjelt—*General Organic Chemistry* (translated by Tingle).

(ii.) *Laboratory Experiments*—Qualitative and simple quantitative (volumetric and gravimetric) analysis—

Books recommended:

Clowes—*Practical Chemistry.*
Fresenius—*Quantitative Analysis,* vol. i. (translated by Vacher), *or*
Clowes and Coleman—*Quantitative Analysis.*

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7.—Natural History.

The Examination for the Senior Scholarship in Natural History will include the subjects of the Third Year Honour Course in Arts.

Candidates are advised to pay attention to the practical work.

8.—Engineering.

For the necessary qualification of Candidates and the Course prescribed for Examination see pp. 155, 227.

9.—Anatomy and Physiology.

For the conditions of Candidature see p. 155, and 222.

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LECTURES.

DAYS AND HOURS OF LECTURES.

Subjects.	Terms.	Mon	Tues.	Wed.	Thrs.	Fri.	Sat.
1st YEAR.							
French (Honour),	1, 2, 3,	10	—	10	—	10	—
French (Pass),	1, 2, 3,	—	10	—	10	10	—
German,	1, 2, 3,	—	1	—	—	—	10
*Italian,	1, 2, 3,	—	—	—	—	—	—
Latin (Pass),	1, 2, 3,	12	—	12	—	12	—
Latin (Honour),	1, 2, 3,	—	11	—	11	—	*
Greek (Pass),	1, 2, 3,	—	2	—	2	—	2
Greek (Honour),	1, 2, 3,	12	—	12	—	12	—
Mathematics,	1, 2, 3,	1	—	1	—	1	—
Mathematics (Honour),	1, 2, 3,	—	1	—	1	—	1
English,	1, 2, 3,	11	—	—	—	11	—
Experimental Physics,	1, 2, 3,	—	12	—	12	—	12
2nd YEAR.							
French,	1, 2, 3,	—	12	—	12	—	—
,, (additional for Honours),	—	—	—	2	—	—	12
†German,	1, 2, 3,	9	—	—	9	—	—
*Italian,	—	—	—	—	—	—	—
†Greek,	1, 2, 3,	—	11	—	11	—	11
Latin,	1, 2, 3,	11	—	11	—	—	—
,, (additional for Honours),	1, 2, 3,	—	10	—	—	11	—
Mathematics (Pass),	1, 2, 3,	—	1	—	1	—	1
Mathematics (Honour),	1, 2, 3,	—	11	—	11	—	11
Logic,	1, 2,	1	—	1	—	—	—
English Language and Literature,	1, 2, 3,	—	—	10	—	10	—
*History,	1, 2,	—	—	—	—	—	—
Mathematical Physics (Honour),	1, 2, 3,	—	—	9	—	—	9
Mathematical Physics (Pass),	1, 2, 3,	10	—	—	—	10	—
Experimental Physics,	1, 2, 3,	—	9	—	9	—	—
Chemistry (Pass and Honour),	1, 2, 3,	12	—	12	—	12	—
Chemistry, Laboratory (Pass or Honour),	3 Mths.	3	—	3	—	3	—
Biology,	1, 2, 3,	—	3	—	3	—	3
Practical Biology (Honour),	3 Mths.	—	—	—	—	—	—
Mineralogy and Geology,	1, 2,	10	—	10	—	10	—
*Practical Physics,	2, 3,	—	—	—	—	—	—

* At hours and on days to be arranged.
† Honour Students receive special instruction.

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DAYS AND HOURS OF LECTURES—*continued.*

Subjects.	Terms.	Mon.	Tues.	Wed.	Thrs.	Fri.	Sat.
3rd YEAR.							
Zoology or Botany,	1, 2, 3,	—	3	—	3	—	3
*Practical Biology (3 Months) Honour,	—	—	—	—	—	—	—
Physiology,	1, 2,	9	—	9	—	9	—
*Chemistry (Honour),	1, 2, 3,	—	—	—	—	—	—
*Chemistry, Laboratory (Honour)	1, 2, 3,	—	—	—	—	—	—
English Literature (Honour),	1, 2, 3,	—	10	—	10	—	—
Metaphysics,	1, 2,	—	1	—	1	—	—
*History,	1, 2,	—	—	—	—	—	—
Logic,	1, 2,	—	12	—	12	—	—
French,	1, 2, 3,	—	—	—	11	—	11
German,	1, 2, 3,	—	11	—	—	11	—
*Italian,	1, 2, 3,	—	—	—	—	—	—
Latin,	1, 2, 3,	10	—	10	—	10	—
,, (additional for Honours)*	1, 2, 3,	—	—	—	—	—	—
Greek,	1, 2, 3,	11	—	11	—	11	—
*Ethics,	—	—	—	—	—	—	—
*Political Economy,	1, 2,	—	—	—	—	—	—
Mathematics (Pass),	1, 2, 3,	—	11	—	11	—	11
Mathematics (Honour),	1, 2, 3,	—	12	—	12	—	12
Mathematical Physics,	1, 2, 3,	—	10	—	10	—	10
Experimental Physics (Honour),	1, 2, 3,	11	—	11	—	—	—
*Practical Physics,	2, 3,	—	—	—	—	—	—
†Mineralogy and Geology,	1, 2,	10	—	10	—	10	—
*Jurisprudence,	—	—	—	—	—	—	—
4th YEAR.							
For Post-Graduate Classes see various Departments.							

* At hours and on days to be arranged.

† Honour Students receive special instruction.

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COURSES OF LECTURES.

Faculty of Arts.

[*The Course of Study extends over three Sessions.*]

PRESCRIBED PASS COURSES.

For Students of the First Year.

I. Latin.
II. Any one of the following:—Greek, French, German, Italian.
III. English Language and Literature.
IV. Mathematics.
V. Experimental Physics.

Students may substitute Honour Courses in Latin, Greek, Mathematics, and Modern Languages for the Pass Courses in these subjects.

For Students of the Second Year.

I. Latin.
II. Greek.
III. English Language and Literature.
IV. Any one of the following languages:—French, German Italian.
V. Logic (Two Terms).
VI. Mathematics.
VII. Mathematical Physics.
VIII. Experimental Physics.
IX. Chemistry.
X. Natural History.
XI. Geology (including Mineralogy and Physical Geography.)

Students must attend in four of the foregoing subjects, one of which must be Latin or Mathematics.

Honour Students may take Honour for Pass Courses in any of the subjects, and a Fifth (optional) Honour Course.

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For Students of the Third Year.

I. Latin.
II. Greek.
III. English, and any one of the following languages:—French, German, Italian.
IV. Logic, and any one of the following:—Metaphysics, Ethics, History of Philosophy, Political Economy.
V. Mathematics.
VI. Mathematical Physics.
VII. Experimental Physics.
VIII. Chemistry.
IX. Physiology.
X. Botany and Zoology.
XI. Geology (including Mineralogy and Physical Geography.)

Students may attend, at their option, in any one of the following groups of subjects:—

A. (1) Latin; (2) Greek; and (3) any one other of the above subjects.

B. (1) Latin; (2) Logic, Metaphysics, with History of Philosophy; and (3) either Ethics or Political Economy.

C. (1) Mathematics; and (2) (3) two others of the above subjects one of which must be one of those enumerated under heads VI. to XI.

Or Honour Lectures in any one of the following Groups:—

I. Latin and Greek Languages and Literatures.
II. English, and any two of the following languages:—French, German, Italian.
*III. Logic, Metaphysics, Ethics, and History of Philosophy.
IV. Civil and Constitutional History, Political Economy, and General Jurisprudence.
V. Mathematics and Mathematical Physics.
VI. Mathematical and Experimental Physics.
VII. Any two of the following subjects:—
i. Experimental Physics.
ii. Chemistry.
iii. Botany and Zoology.
iv. Physiology *or* Geology.

[For the regulations as to University Examinations in Arts, see Appendix.]

* Any Candidate selecting Group No. III. will be at liberty to substitute for Ethics any one of the three subjects included in Group No. IV.

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I.—GREEK.

The books to be read in the Greek class-room for Session 1899–1900 will be selected so as to prepare students for the several Examinations in the Royal University and corresponding Examinations.

Students of the *First Year* will read—

In *Pass* Class—Homer, *Od.*, 5, 6, 7; Demosthenes—*Olynthiacs.* Greek *History* from B.C. 560 to B.C. 429; Greek *Literature*—Lyric Poets—Life in the Homeric Age, and Outlines of the Homeric Controversy; *Antiquities* (Gow., chaps. x., xi., xix.).

In *Honour* Class, in addition to the above, Euripides, *Bacchae;* Herodotus, Book 9; Plato—*Menon.*

The *Pass* Class meets at 2 P.M. on Tuesdays, Thursdays, and Saturdays; the *Honour* Class at 12 noon on Mondays, Wednesdays, and Fridays during three terms.

Students of the *Second Year* will read—

In *Pass* Class—Sophocles, *Oed. Rex;* Thucydides, Book 7; *History,* from 431 to 387 B.C.; *Literature,* History of the Drama, The Historians; *Antiquities* (Gow, chaps. xii.–xv., xviii., xx., xxi.):

In *Honour* Class, in addition to the above—Homer, *Iliad,* 16, 21, 22; Sophocles, *Antigone* and *Oed. Col.;* Plato, *Phaedo. Literature*—(*Grote,* chaps. 58–62, Abbott's *Pericles,* Jebb's *Homer,* Jevons' *Hist. of Greek Literature,* Part 1, Book 3).

The Class meets at 11 A.M. on Tuesdays, Thursdays, and Saturdays.

Students of the *Third Year* will read—

In *Pass* Class—Jebb's Selections from the Attic Orators—*Antiphon, Andocides, Lysias;* Demosthenes, *De Falsa Legatione;* Aeschylus, *Eumenides.* Special Portions of History, Literature, and Antiquities.

In *Honour* Class, in addition to the above, Aristotle, *Poetics;* Aesch., *Ag.* and *Cho.;* Aristoph., *Frogs* and *Wasps;* Theocr., 1, 2, 3, 6, 7, 9, 10,; Pindar, *Olymp.,* 1–7.

The Class meets at 11 A.M. on Mondays, Wednesdays, and Fridays.

Obs.—The hours of attendance may possibly require readjustment; as, for instance, if Pass Students in the Second or Third Year should present themselves.

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In all the years Students are exercised in Prose Composition. The required portions of Greek History and Antiquities are also studied.

All Students must provide themselves with annotated text-books such as are published by the leading booksellers for use in schools and colleges; with a Greek Grammar and a copy of the smaller edition of King and Cookson's "Introduction to the Comparative Grammar of Greek and Latin."

Students will have at their disposal in the Library the larger and more expensive editions of the works that are studied in class-room. They will also there find Dictionaries, Lexicons, Dictionaries of History, Geography, Antiquities; in fact, all the requisite works for general reference. Books of general reference can only be consulted in the Library. Books not of general reference may be borrowed for home-study.

II.—LATIN.

Lectures are delivered during three terms on the *Language* and *Literature* of Ancient Rome. Special portions of the *History* and *Antiquities* are studied in connection with the authors read. *Latin Prose Composition*, taught orally as well as by written exercises, forms an important part of each Course. Arrangements are made for the instruction in writing *Latin Verse* of such Students as are anxious to cultivate the art. The elements of *Classical Philology* and *Textual Criticism* are part of the work of the senior classes.

The Books read in class are chosen with a view to the requirements of Students who are preparing for Examinations in the Royal University of Ireland.

Lectures for Students of the First Year:—

(*a*) The *Pass* Class meets on Mondays, Wednesdays, and Fridays, during three terms, at 12 noon.

Books appointed for Session 1899–1900:—Livy, Book xxxiv. Virgil, *Aeneid* Book vi. Roman History, A.U.C. to 133 B.C. (Pelham, Rivington's.) Literature (Wilkins' Primer).

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(*b*) Additional Lectures for ***Honour*** Students are delivered on Tuesdays and Thursdays, at 11 A.M.

Books appointed for Session 1899–1900:—Virgil—*Eclogues* and *Georgics*, ii. Horace, *Odes*, iii. Cicero—*Pro Sulla*. History—From 241 to 196 B.C. (*Mommsen*). Antiquities—Ramsay, chaps. ii.–vi. Literature (Student's Companion to Latin Authors, ch. iii.).

[These Lectures include the Courses prescribed for the First Year's Examination in the Royal University, for the Sessional Examination in Q. C. G., and for the Latin portion of the Second Year's Literary Scholarship in Q. C. G.]

Lectures for Students of the Second Year:—

(*a*) The class meets on Mondays and Wednesdays at 11 a.m.

The special books appointed for the Session 1899–1900 are:—Cicero—*Tusc. Disp.* i.; Tacitus—*Agricola*; Juvenal—*Satires*, 1, 7, 8, 10, 14; History of the period from B.C. 31 to A.D. 68 (Student's Roman Empire). Antiquities—The Public Lands, Financial Administration of the Republic; Law and Justice; Roman Money; Roman Measures (Ramsay, chaps. 7, 8, 9, 13, and Roby L. G. i., App. D). Literature—Student's Companion to Latin Authors, chaps. i. and ii.

(*b*) Additional Lectures for ***Honour*** Students are delivered on Tuesdays at 10 a.m., and Fridays at 11 a.m., when the following will be studied:—*Lucretius*, i.; Martial—Books i.–iv. (Stephenson's edition); Cicero—*In his Letters*, xli. to lxxx. (Tyrrell's edition); Tacitus—*Hist.* i., ii. The special Honour course in History is Mommsen, *Provinces of the Roman Empire*, vol. i., pp. 1–194 (Eng. Trans.) Literature and Antiquities.

[These Lectures include the Courses prescribed for the Second Year's Examination in the Royal University, for the Sessional in Q. C. G., and for the Latin portion of the Third Year's Literary Scholarship Q. C. G.]

Lectures for Students of the Third Year:—

The class meets at 10 a.m. on Mondays, Wednesdays, and Fridays, and arrangements are made for additional Lectures for ***Honour*** Students. The subjects of Lecture during the Session 1899–1900, will be:—Virgil—*Æneid*, v., vi., vii.; Horace—*Odes*, iii. and iv.; Tacitus—*Annals*, xiii.–xvi.; Lucretius, Book i.; Plautus—*Aulularia* and *Rudens*; Cicero—*Ad Atticum*, vii.–ix.; Persius (omitting *Sat.* iv.); History, A.D. 68 to A.D. 138 (Student's Roman Empire); Mommsen—*Provinces of the Roman Empire*, vol. i. (Eng. Trans.); Literature—Student's Companion to Latin Authors; Antiquities—Law and Justice; Religion, The Calendar; the Military and Naval Organisation of the Republic (Ramsay, chaps. 9 to 12.)

[These Lectures embrace the Courses prescribed for the Royal University B.A. Examination, for the Sessional of the Third Year in Q. C. G., and for the Senior Scholarship in Q. C. G.]

[Arrangements may be made with the Professor for additional Lectures if necessary.]

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Students are expected to provide themselves with texts and the ordinary editions for College use in class. The larger modern editions and Books of Reference may be consulted in the Library. For *Pass* Students of the *First* Year, Bradley's edition of Arnold's *Latin Prose Composition* is used as a basis of instruction in Prose Composition; for all the other classes Bradley's *Aids to Latin Prose Composition.*

III.—MATHEMATICS.

Instruction is given in this department by means of Lectures. Students are expected to prepare for the Lectures by reading, and also to work out the examples set in the classes to the best of their ability. The Lectures are adapted for those preparing for the Examinations of the Royal University in their respective years.

The Courses in the Faculty of Arts are as follows:—

I. For all Students of the First Year—

Elements of Plane Geometry, Algebra and Plane Trigonometry.

II. For Honour Students of the First Year, and Pass Students of the Second Year—

Elements of Solid Geometry; Plane and Spherical Trigonometry; Elements of the Theory of Equations, of Analytical Geometry and of Conic Sections.

III. For Honour Students of the Second Year, and Pass Students of the Third Year—

Algebra and Trigonometry; Analytical Geometry; Differential and Integral Calculus; Theory of Equations.

IV. For Honour Students of the Third Year—

Analytical Geometry of Two and Three Dimensions; Differential and Integral Calculus; Differential Equations.

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A Class may be arranged with the Professor for Students reading the Course in Mathematics for the M.A. Degree in the Royal University.

An additional Course of Lectures is given by the Senior Scholar to Pass Students of the First Year.

The College Library contains a large collection of standard mathematical works and Journals, to which regular additions are made. The following may be mentioned, in addition to the usual text-books :—

Works of *Lagrange, Jacobi, Gauss, Cayley, &c., Journals of Crelle and Liouville, Acta Mathematica, Quarterly Journal of Mathematics, Jahrbuch der Fortschritte der Mathematik.*

IV.—NATURAL PHILOSOPHY.

[In this Department Courses of Study are pursued in both Experimental Physics and Mathematical Physics.]

A.—Experimental Physics.

Instruction in this subject is imparted by means of Lectures illustrated by experiments, by the use of suitable text-books, and by Courses of practical work in the Laboratory.

Lecture Courses.—Separate Courses of Lectures are given to Students of the First, Second, and Third Years.

The Class for Students of the *First Year* meets on three days of the week during the whole Session. The Lectures are designed to give Students in Arts, Medicine, and Engineering a thorough grounding in the general principles of *Mechanics, Hydrostatics, Heat, Sound, Light, Magnetism,* and *Electricity,* and are adapted for those preparing for the First University Examinations of the Royal University of Ireland, and similar Examinations. Special attention is given to the subjects of *Heat, Light,* and *Sound,* to meet the requirements of those intending to compete for Honours at the First University Examination in Arts.

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The Class for Students of the *Second Year* meets on two days of the week during the whole Session. The subjects chosen are those prescribed for the Second University Examination in Arts of the Royal University. These subjects are dealt with as completely as the Mathematical attainments of the Class will permit.

The Class for Students of the *Third Year* meets on two days of the week during the whole Session for Pass Students, and an additional Lecture every week is delivered to those who intend to compete for Honours at the B.A. Examination of the Royal University. The subjects chosen are those prescribed for this Examination, and the Lectures aim at making Students familiar with the present state of physical science, and with the results and methods of modern physical research. A Class may also be arranged with the Professor for Students reading the M.A. Honour Course of the Royal University.

Text-Books.

The Text-books recommended for the First Year Course are the Cambridge Natural Science Manuals, by R. T. Glazebrook.

For the Second Year Course the Text-books recommended are Deschanel's Natural Philosophy, edited by Professor Everett, Joubert's Electricity and Magnetism, and Balfour Stewart's Heat.

For the Third Year Course the Text-books recommended are Deschanel's Natural Philosophy, edited by Professor Everett; Preston's Theory of Light; Preston's Theory of Heat; Fleming's Alternate Current Transformer, vol. i.; Maxwell's Heat; Cours de Physique, by J. Violle; Ewing's Magnetic Induction.

Laboratory Courses.—Separate Courses of practical instruction in the Laboratories, at which the Demonstrator assists, are given to Students in the Faculties of Arts, Medicine, and Engineering. These Courses, which are continued for three months of the Session, are designed to prepare Students for the Examinations in Practical Physics of the Royal University, and similar Examinations; but facilities are afforded to Students desirous of pursuing a more extended course of practical work. The Physical Laboratories are supplied with electrical power from the Galway Electric Light Company's Station, and provided

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with storage batteries, continuous current dynamo, alternator, and transformer. The Museum of Natural Philosophy, in connection with the Laboratories, contains a very complete collection of physical apparatus suitable for lecture illustration and research work.

B.—Mathematical Physics.

Instruction in this subject is imparted by means of Lectures and by the use of text-books.

Lecture Courses.—Three Courses of Lectures are delivered extending over the whole Session—one to Pass Students of the Second Year, one to Honour Students of the Second Year, and one to Honour Students of the Third Year. Pass Students of the Third Year attend the Honour Course of the Second Year. A Class for Students reading the M. A. Honour Course of the Royal University in Mathematical Physics may be arranged with the Professor. An additional Course of Lectures is given by the Senior Scholar to Pass Students of the Second Year.

The subjects treated in the Courses of the Second Year are those branches of Mathematical Physics prescribed for the Second University Examinations of the Royal University in Arts and Engineering. The Third Year Course includes those branches of Mathematical Physics, prescribed by the Royal University for the Degrees of B.A. and B.E. with Honours.

Text-Books.

The Text-books recommended for the Second Year Courses are, Loney's Mechanics and Hydrostatics for Beginners, Loney's Treatise on Elementary Dynamics, Greaves' Statics, Heath's Elementary Optics, Greaves' Hydrostatics, Parker's Astronomy.

For the Third Year Course, the following Text-books are recommended:—Routh's Statics, vols. i. and ii.; Williamson and Tarleton's Dynamics, Routh's Elementary Rigid Dynamics, Heath's Geometrical Optics, Besant's Hydromechanics, Part I.; Godfray's Astronomy, Frost's Newton.

Library:—The College Library contains a large collection of standard works on the various branches of Mathematical and Experimental Physics, and their allied subjects, and receives many British and foreign scientific periodicals and journals.

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V.—ENGLISH LANGUAGE AND LITERATURE.

Lectures to *First Year* Students are delivered during the whole Session on Mondays and Fridays, at 11 a. m. The Course prescribed in the First University Examination in the R.U.I. supplies the subjects specially dealt with in these Lectures.

The Lectures for Students of the *Second Year* are given during the three terms. Additional Lectures are given to Students reading for Honours.

In the *Third Year*, Honour Lectures are given throughout the Session.

In each year the Books prescribed for the Examinations of the Royal University form the subjects of special study.

Courses of Honour Lectures deal with the history of English Literature during the periods prescribed for the several years; these Lectures aim especially at imparting an intelligent apprehension of the origin, development, and characteristics, of successive literary movements.

The Students are also instructed and exercised in the writing of essays.

Arrangements may be made with the Professor for a post-graduate class; special help will be given towards preparation either for M.A. (Honours) or for Junior Fellowship, in the R.U.I.

VI.—MODERN HISTORY.

Lectures will be given to Second Year Students during two terms.

Lectures are also given to Third Year Students, the Course including the History of Great Britain and Ireland, and of France, from 1589 to 1815.

VII.—MENTAL SCIENCE.

Logic.—The Courses of Lectures for *Second* Year's Students are delivered during two terms, at 1 p.m., on Mondays and Wednesdays.

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The Lectures for *Third* Year's Students extend over two terms, and are delivered, at 12 o'clock noon, on Tuesdays and Thursdays.

METAPHYSICS.—Lectures are delivered during two terms, at 1 p.m., on Tuesdays and Thursdays. The Lectures deal with the principles of Psychology and Ontology.

In the various Courses of Lectures, the portions of the subjects for each class are chosen to meet the requirements of Students who are preparing for Examination in the Royal University, and special arrangements may be made for Students who are studying for other public Examinations.

VIII.—CHEMISTRY.

Chemistry is studied throughout the Session: (1), by means of Lectures in which an acquaintance is made with the chief facts upon which the science is based, by experiments conducted on the Lecture-table These are carefully observed and their scientific bearing considered; (2), by experiments conducted by the Students themselves, each working independently in the laboratory, under the supervision of the Professor or Demonstrator; (3), by the use of text-books; by reference to the Dictionaries of Chemistry, and to the Chemical Journals which are available in the Library, and by inspection of the collections in the Chemistry Museum.

(1) LECTURE COURSES.

(*a*) *Second Year's Course for Pass and Honours. Inorganic Chemistry.*—The class meets at 12 o'clock on Mondays, Wednesdays, and Fridays throughout the Session, but attendance is not required on Wednesdays, between the Christmas recess and the close of Medical Lectures. The Lectures embrace a consideration of the leading facts of Inorganic Chemistry, and include both the Pass and Honour subjects

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required for the Second University Examination in Arts of the Royal University, or for other corresponding Examinations.

About forty Lectures are devoted to a detailed study of the non-metallic elements, their reactions, and the constitution of the compounds they form. The remaining Lectures embrace a review of the general facts established, including the weight and volume relation in chemical reactions, the molecular hypothesis, the atomic hypothesis, the relative weight of molecules and atoms, and the periodic law. The leading metals and their more important compounds are also briefly considered.

(*b*) *Third Year's Course for Honours.—Organic Chemistry.*—A class in Advanced Organic Chemistry, adapted to the requirements of the B.A. *Honour* Examination of the Royal University, will, if required, be formed to meet throughout the Session at hours to be arranged; also a *Fourth Year's* (*Post-Graduate*) *Course for Honours*, to meet the requirements of Students preparing for the M.A. *Honour* Examination of the Royal University. Students wishing to avail themselves of these classes must arrange with the Professor at the beginning of the First Term.

(2) Laboratory Courses, Practical Chemistry.

Students are admitted to the Laboratory at the hours given in the time-table, and at other times by arrangement with the Professor. A separate bench is allotted to each Student. These courses of experiment afford a means of acquiring manipulative skill, and of attaining a more intimate knowledge of the science of chemistry.

(*a*) *Second Year's Course for Pass.*—This course consists of about forty Lectures of two hours each, commencing early in the first term, and ending at the close of the second term. The work done is adapted to the requirements in Practical Chemistry of the Pass Second Examination in Arts. A *Second Year's Course for Honours*, adapted to the

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Honour Second Examination in Arts of the Royal University, will be arranged for Students who desire it.

(*b*) *Third Year's Course for Honours.*—This Course is arranged to meet the requirements of the B.A. *Honour* Examination of the Royal University and of other corresponding Examinations. The Class works throughout the Session at hours to be arranged. Fee, five pounds. A shorter Course of three months' work may also be arranged for Students sufficiently advanced, for which the fee is three pounds; also *Fourth Year's* (*Post-Graduate*) *Courses for Honours* will be organized, if desired, to meet the requirements of Students preparing for the M.A. *Honour* Examination of the Royal University, or for other Examinations. These Classes will commence work at the beginning of the Session. Post-Graduate Courses may also be arranged in other departments of Pure or Applied Chemistry, including Agriculture, Brewing, Food Analysis, etc., to meet individual requirements. Fee, five pounds.

(3) Text-Books, Chemistry Department of Library, Chemistry Museum.

(*a*) *Text-Books recommended.*—For Second Year Lecture Course:—

Thorpe, Inorganic Chemistry, 2 vols.; Roscoe, Elementary Chemistry; or Richter, Inorganic Chemistry (trans. Smith).

For Third Year Honour and Post-Graduate Lecture Courses:—

Roscoe and Schorlemmer, Treatise on Chemistry, vols. i. and ii.; Richter, Organic Chemistry (trans. Smith); Nernst, Theoretical Chemistry (trans. Palmer); Hjelt, Principles of General Organic Chemistry (trans. Tingle); L. Meyer, Outlines of Theoretical Chemistry (trans. Bedson and Williams); Van't Hoff, The Arrangements of Atoms in Space (trans. Eiloart); Walker, Introduction to Physical Chemistry; Van't Hoff, Lectures on Theoretical and Physical Chemistry (trans. Lehfeldt); H. Meyer, Anleitung zur quantitation bestimmung der organischen Atomgrappen.

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For Laboratory Courses :—

Qualitative Analysis—Clowes and Coleman, Elementary Qualitative Analysis, or Clowes, Practical Chemistry. For Quantitative Analysis—Fresenius, Quantitative Analysis, vol. i. (trans. Vacher), or Clowes and Coleman, Quantitative Analysis; Hempel, Gas Analysis (trans. Dennis). For Preparations—Fischer, Organic Compounds (trans. Kling); Gattermann, Practical Methods of Organic Chemistry (trans. Shober); Lassar-Cohn, Manual of Organic Chemistry (trans. Smith).

(*b*) *Chemistry Department of Library.*—Chief works of reference :—

Morley and Muir, Watt's Dictionary of Chemistry; Thorpe, Dictionary of Applied Chemistry; Beilstein, Organische Chemie; Richter, Lexicon der Kohlenstoff Verbindengen; Roscoe and Schorlemmer, Treatise on Chemistry; L. Meyer, Modern Theories of Chemistry (trans. Bedson); Ostwald, Lehrbuch der Allgemeinen Chemie; Kopp, Geschichte der Chemie; E. Meyer, History of Chemistry (trans. M'Gowan); Comey, Dictionary of Solubilities; Allen, Commercial Organic Analysis; Green, Fermentation; Menschutkin, Analytical Chemistry (trans. Locke).

Principal Journals containing original Memoirs :—

Journal of the Chemical Society; Liebig's Annalen der Chemie; Berichte der Deutschen Chemischen Gesellschaft; Chemisches Central-Blatt; Zeitschrift für Physikalische Chemie; Annales de Chemie et de Physique; Journal of the Society of Chemical Industry; Chemical News.

(*c*) *Chemistry Museum.*—A collection has been arranged of specimens of elements, inorganic and organic compounds, and of native minerals. These collections are available for inspection by students at all times when the Laboratory is open.

IX.—NATURAL HISTORY.

The Department of Natural History comprehends the Sections of Zoology, Botany, Practical Biology, Geology, Mineralogy, and Physical Geography.

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1. Zoology.

The Class in Zoology meets at 3, on Tuesdays, Thursdays, and Saturdays, during the months of November, December, January, and February. The Course consists of at least forty Lectures.

Introduction—The Kingdoms of Nature. The Characters of Organized Bodies. Protoplasm. Cells. Tissues. Organs. Development. Classification of Animals. Distribution in Time and Space. Theories of Evolution. The Anatomy, Physiology, and Life-History of selected types. Systematic Zoology.

The Museum.

This Museum contains a series of specimens illustrating the Animal Sub-Kingdoms. The specimens are arranged in a series, commencing with the simpler and proceeding to the higher Forms. Disarticulated Skulls, Glass and Papier-Maché Models may be used by the Students. A revolving Microscope, Panoramic Diagrams, and Dissected Specimens of Animals are included in the Collection.

Text-Books.

Thompson's Zoology, Parker and Haswell's Zoology, Sedgwick's Zoology, Lang's Comparative Anatomy, Gegenbaur's Anatomy (translated by Bell), Wiedersheim's Anatomy, Huxley's Vertebrata and Invertebrata.

Works of Reference.

Cuvier's Anatomy, Owen's Anatomy, Bronn's Thier-Reich, Brühl's Anatomy, Yung's Anatomie, Brehm's Thierleben, Lankester's Echinoderma.

Journals.

Journ. Zoological Society, Journ. Linnean Society, Challenger Reports, The American Naturalist, Annales des Sciences Naturelles. Kolliker's Zeitschrift für Wissenschaftliche Zoologie, Gegenbaur's Morphologisches Jahrbuch, Journ. of Marine Biological Association, Zoologischer Jahresbericht, Naples; Zoologische Jahrbücher, Spengel.

2. Botany.

The Course in Botany extends over three months. The Class meets on at least three days in the week at 3 o'clock. The Lectures will embrace :—

Definitions. Plant Life; Histology and Physiology. Morphology, Systematic Botany, Cryptogams and Phanerogams.

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Text-Books.

Strasburger's Botany, Detmer's Physiology, Vines' Botany, Prantl (trans. by Vines), Sach's Physiology of Plants, Goebel—Outlines of Classification and Special Morphology of Plants (trans. by Garnsey), Vines' Physiology, Hooker's British Flora; and for Practical Work the manuals of Bower, Vines, Darwin, and Detmer.

Works of Reference.

Leunis' Synopsis, Endicher and Bentley's Works, Grenville's Scottish Flora.

Journals.

Just's Botanischer Jahresbericht, Annales des Sciences Naturelles, Linnean Society's Journal, and Transactions.

3. Biology.

This Class meets on two or three days each week during the first three months of the Session.

During this Course the following Animals are dissected by the Students:—the Rabbit, Pigeon, Frog, Codfish or Dogfish, Sepia, Snail, Mussel, Blatta, Crayfish or Lobster, Cockroach, Earthworm, Leech, Hydra; Microscopic preparations of the organs are examined, fresh or preserved. The Plants studied are (*a*) Flowering Plant, Arabis or Wallflower, Tulip; (*b*) The Fern; (*c*) Chara, Penicillium, Mucor, Yeast. Sections of stems, leaves, roots, and flowers are made by the Students, who are expected to make drawings.

Third Year.—Honour Students meet on an extra day in the week, and are supplied with other specimens in addition to the above. All animals are supplied to the Students free of cost. Dissections take place under the superintendence of the Professor of Natural History and the Assistant in Biology

Text-Books.

The Practical Biology of Marshall and Hurst. The Practical Biology of Parker. Marshall's Frog. Bower and Vines' Practical Works on Botany.

4. Mineralogy, Geology, and Physical Geography.

Lectures on Mineralogy, Geology, and Physical Geography are delivered during the First and Second Terms. The Class meets on Mondays, Wednesdays, and Fridays at 10 A.M.

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The Lectures will embrace :—

(A.) MINERALOGY.—Crystallography. Physical Characters and Chemical Constitution of Minerals. Classification.

Text-Books.

Dana's Text-book of Mineralogy, Dana's Class-book of Mineralogy. Rutley's Rocks. Bauermann's Mineralogy. Nicol's Mineralogy. Gurney—Crystallography.

Works of Reference.

Die Mikroskopische Beschaffenheit der Mineralien und Gasteine. Dana's System of Mineralogy. Miller's Mineralogy.

Journals.

The Mineralogical Magazine. Bulletin de la Société française de Mineralogie. Neues Jahrbuch f. Mineralogie u. Geologie.

(B.) GEOLOGY.—Definitions—The Materials of the Earth's Crust. The General Structure and the Size of the Earth. The Density of the Earth. Comparison with other Heavenly Bodies. The Nebular Hypothesis. The Rotation of the Earth. The Effects of the Sun and Moon on the Earth. Underground Temperature. Temperature of the outer Crust. Temperature in the Past. Climate. Limitation of Geographical Regions. Process of Denudation. Air. Water. Ice. Process of Depositing. Stratification, Jointing, Dip, Strike, Contortion, Faults, Synclinal and Anticlinal Folds. The Clinometer. Volcanic Agencies.—Active Volcanoes, and Earthquakes. Igneous Rocks, Granites, Porphyries and Volcanic Rocks, Lavas, Tuffs, and Ashbeds. Configuration and Structure. A Classification of Animals and Plants. General Distribution. Biological Theories. Fossils.

Text-Books.

The Elementary works of Geikie, Watt and Harrison. Geikie's Class-book. Lapworth's Geology. Lyell's Student's Elements. Wood—Palæontology.

Works of Reference.

Etheridge and Seely—Geology. Prestwick—Geology. Kinahan—Geology of Ireland. Hull—Coalfields. Woodward—Palæontology of Vertebrates. Schimper—Traite de Palæontologie Vegétale. Greene's Geology. Jukes Browne—Geology. Zittel—Palæontology. Lapparent's Geology.

Journals.

The Geological Magazine. Palæontologie française. Quarterly Journal of the Geological Society. The Transactions of the Palæontological Society.

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(C.) Physical Geography.—The Earth. General Geographical Considerations, Continents, Islands, Varieties of Land Surfaces, Proportion of Land to Water, Rivers, Lakes, Water in Interior of Earth, Snow, Ice, The Atmosphere, Winds, Climate, Weather, Volcanos, Earthquakes.

Text-Books.

Geikie's Physical Geography, Gregory's Physical Geography, Young's Physical Geography, Mill's Realm of Nature.

Works of Reference.

Thompson's Voyage of the Challenger, Wallace's Australasia, Wallace's Island Life, Darwin's Beagle, Stansford's Compendium, Réclu's Universal Geography; also the works of Baker, Burton, Cameron, Cook, Kane, Livingstone, M'Clintock, and M'Clure. Prevalsky—Mongolia.

Journals.

The Geographical Journal, Geographical Magazine, Journal of the Geographical Society of London.

The Museum of Mineralogy and Geology.

The Museum, founded by the late Professor King, contains a series of Fossils illustrating the Geological Formations. The Museum contains also a large collection of Minerals and Ores.

Instruments have been provided for the use of Senior Students and for Class Purposes, including a Goniometer, a Clinometer, a Spectroscope, and an apparatus to illustrate Crystalline forms. A large Globe and several Maps, with the Land Surfaces in relief, are at the disposal of Students.

Senior Students are permitted to work in the Museum on one or two days in each week.

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X.—MODERN LANGUAGES.

Subjects: French, German, Italian.

There are three Classes, for Students of the First, Second, and Third Year of their Academical Course. In each of these Classes separate Lectures for Pass and Honour Candidates will be given. The different Classes meet at the hours set down in the Time Table of the College Calendar. The Lectures are arranged to suit the requirements of Students preparing for the several Examinations in the Royal University and for similar Examinations.

Pass Classes.

The business of these Classes is conducted by Lectures on Grammar and (in the Second and Third Year) on the Elementary History and some particular period of Literature of the language, by translations from and into English, by written exercises and examinations.

Honour Classes.

The Course of Instruction comprises advanced Composition, Translation, Critical Readings, and (in the Second and Third Year) Lectures on the History and Literature of the Romance and Teutonic languages.

The Third Year's Honour Class is conducted in the vernacular of the language which is being studied.

M.A. Class.

A Class may be arranged with the Professor for Students reading the Course in Modern Languages for the M.A. Degree in the Royal University.

XI.—JURISPRUDENCE AND POLITICAL ECONOMY.

See p. 203.

XII.—PHYSIOLOGY.

For Course see Faculty of Medicine, page 210.

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Faculty of Law.

COURSE OF STUDY.

Courses of Twenty-four Lectures are delivered to each Class, commencing in the First Term, on days and hours that are arranged with the Professors.

The following Course of Study is prescribed :—

First Year.—The Law of Real Property and the Principles of Conveyancing; Jurisprudence.

Second Year.—Equity, Personal Property, Contracts, and Bankruptcy; Civil Law.

Law Classes.

First Year. — *Jurisprudence.* — Course of Twenty-four Lectures in the First and Second Terms.

Books Recommended.

Holland—Jurisprudence.
Austin—Jurisprudence (Student's edition).
Maine—Ancient Law.
Maine—Early History of Institutions.
Maine—Early Law and Custom.

Second Year. — *Roman Law.* — Course of Twenty-four Lectures in the First and Second Terms.

Justinian—Institutes (Sanders).
Mackenzie—Studies in Roman Law.

Arts Classes.

Pass.—Courses of Twenty-four Lectures during the First and Second Terms are delivered on :—

(*a*) Political Economy.

Books Recommended.

Marshall—Elements, vol. i.
Devas—Political Economy.
Nicholson—Money.

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Honours.—Additional Lectures supplementing the Pass Course.

Books Recommended.

J. S. Mill—Political Economy.
Ingram—History of Political Economy.
Gibbins—Industry in England.

(*b*) JURISPRUDENCE.—(Honour Course).

Books Recommended.

Holland—Jurisprudence.
Austin—Jurisprudence (Student's edition).
Maine—Ancient Law.
Maine—Early History of Institutions.
Maine—Early Law and Custom.

EXAMINATIONS.

MATRICULATION.

The same Course as for Arts, page 199.

JUNIOR SCHOLARSHIPS.

One (value £25) tenable by a Student of the FIRST YEAR.

Subjects:

Law of Property, &c.—

Williams—Real Property.
Goodeve—Modern Law of Real Property.

Jurisprudence—

Holland—Jurisprudence.
Austin—Jurisprudence (Student's edition).
Maine—Ancient Law.
Maine—Early History of Institutions.
Maine—Early Law and Custom.

One (value £25) tenable by a Student of the SECOND YEAR.

Equity—

Snell—Principles of Equity.

Law of Property, &c.—

Williams—Personal Property.
Smith—Lectures on the Law of Contract.

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Jurisprudence and Roman Law—

Jurisprudence as for First Year's Scholarship.
The Elements of Roman Law.
Mackenzie—Studies in Roman Law.

Students intending to proceed for the Certificate of the Law Professors, so as to entitle them to serve an apprenticeship of *four* years instead of *five*, under the provisions of the Attorneys and Solicitors (Ireland) Act, 1886*, are required to enter their names with the Registrar, *either as Matriculated or Non-Matriculated* Students, and pay the necessary College and Class Fees to the Bursar before the commencement of the Law Lectures in each Session.

Such Students are required to attend all the Lectures and pass all the Examinations prescribed for the first and second years of the Course of Study for Candidates for the Diploma of Elementary Law.

For the Degrees of LL.B. and LL.D., see Regulations of Royal University (Appendix).

Faculty of Medicine.

COURSE OF STUDY AND EXAMINATION.

The attention of Students is specially directed to the absolute necessity for their being registered with the Branch Medical Council not later than fifteen days after the commencement of those Courses of Lectures, certificates of attendance on which they have to produce.

* Every person who, as a Matriculated or as a Non-Matriculated Student of the University of Dublin or of any of the Queen's Colleges in Ireland, shall have attended or shall attend any prescribed Lectures, and shall have passed or shall pass any prescribed Examinations of the Professors of the Faculty of Law in the said University of Dublin or in any of the said Queen's Colleges, for a period of Two Collegiate Years, and who shall have duly served as an Apprentice under Indentures for the term of four years, in like manner as by this Act provided respecting the service for the term of five years, shall at any time after the expiration of five years from the commencement of such attendance on Lectures, or of such period of service, which shall first happen, be qualified to be sworn and to be admitted as an Attorney or Solicitor respectively, according to the nature of his service, of the several and respective superior Courts of Law or Equity in Ireland, as fully and effectually to all intents and purposes as any person having been bound and having served five years is qualified to be sworn, and to be admitted or enrolled and registered an Attorney or Solicitor under or by virtue of this Act.—EXTRACT.—29 & 30 Victoria, cap. 84.

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No student can be registered until he has passed the *Preliminary Examination in General Education* required by the General Medical Council, or one of the other examinations recognised as qualifying for registration, among which are included :—

The Matriculation Examination of the Royal University.

The Preliminary Examination of the Royal College of Surgeons of Ireland.

The Examination held by the Board of Intermediate Education, provided the Certificate includes all the subjects required by the General Medical Council.

The Preliminary Examination in General Education, required to be passed previous to Registration as a Medical Student, shall be as follows :—

(*a*) ENGLISH LANGUAGE, including Grammar and Composition.

***** Marks not exceeding five per cent. of the total marks obtainable in this section of the Examination may be assigned to Candidates who show a competent knowledge of Shorthand.**

(*b*) LATIN, including Grammar, Translation from specified authors, and Translation of easy passages not taken from such authors.

(*c*) MATHEMATICS, comprising (*a*) Arithmetic; (*b*) Algebra, as far as Simple Equations, inclusive; (*c*) Geometry, the subject matter of Euclid, Books I., II., and III., with easy deductions.

(*d*) One of the following optional subjects :—

(*α*) Greek, (*β*) French, (*γ*) German, (*δ*) Italian, (*ε*) any other Modern Language.

N.B.—Except in certain cases specified in the Regulations of the General Medical Council, all the subjects must be passed at the same time.

The Curriculum extends over at least five years, and comprises the following* :—

COURSE OF STUDY.

Natural Philosophy.	Practical Physiology.
Practical Physics.	Materia Medica and Pharmacy.
Chemistry.	Theory and Practice of Surgery.
Practical Chemistry.	Obstetrics and Gynæcology.
Botany with Herborizations for practical study, and Zoology.	Theory and Practice of Medicine
Anatomy and Physiology.	Medical Jurisprudence.
Practical Anatomy.	Pathology.

The Courses prescribed to Scholars of the several years are given on pp. 218–222.

* The Regulations of Licensing Bodies whose requirements differ from the above Curriculum may be learned on application to the Professors of the Faculty of Medicine.

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DAYS AND HOURS OF LECTURES.

Subjects.	Months.	Mon.	Tues.	Wed.	Thrs.	Fri.	Sat.
French,	VI.	—	10	—	10	—	10
German,	VI.	—	—	9	—	—	9
Botany and Zoology,*	VI.	2†	3	2†	3	2†	3
Natural Philosophy,	VI.	—	12	—	12	—	12
Practical Physics,‡	—	9	—	—	—	9	—
Chemistry (Pass and Honour),	VI.	12	—	12	—	12	—
Chemistry, Laboratory (Pass or Honour),	III.	3	—	3	—	3	—
Physiology,	VI.	9	9	9	9	9	—
Anatomy,	VI.	1	1	1	1	1	—
Practical Pharmacy,	III.	—	3	—	—	—	3
Materia Medica,	III.	—	2	—	2	—	2
Anatomy,	VI.	1	1	1	1	1	—
Practical Physiology, and Practical Histology,	III.	2	—	2	—	2	—
Surgery,	VI.	—	12	—	12	12	—
Midwifery,	VI.	2	—	2	—	2	—
Medicine,	VI.	—	2	—	2	—	2
Pathology,§	III.	—	—	—	—	—	—
Medical Jurisprudence,	IV.	12	—	12	—	—	—
Toxicology,§	IV.	—	—	—	—	—	—

Attendance on Lectures is strictly obligatory.

The Lectures of the Professors in the Medical School of Queen's College, Galway, and the Clinical Instruction in the Galway Hospitals, are recognised as qualifying for the Diplomas of the Royal College of Physicians and Surgeons of Ireland, England, and Scotland, and for the Medical Degrees of the University of London, and the Royal University of Ireland.

CLINICAL TEACHING.

Clinical Teaching is carried on in THE GALWAY HOSPITAL, established as a Public General Hospital (in the place of the County Galway Infirmary) by Act of Parliament (1892).

* Students taking Practical Biology and Natural History are admitted to both Classes on payment of a fee of £3.

† These Lectures are delivered in the last week of November, and in December, January, and February.

‡ The Class in Practical Physics begins at the beginning of the Second Term, and lasts till the end of the Session.

§ At hours to be arranged.

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The appointment of the Medical Staff being vested, by the Act, in the Local Government Board, that Board has made the following appointments :—

Physicians—

PROFESSOR KINKEAD.
PROFESSOR LYNHAM.

Surgeons—

PROFESSOR PYE.
PROFESSOR COLAHAN.
PROFESSOR BRERETON.

Gynæcologist—

PROFESSOR KINKEAD.

The interests of Students are expressly recognised and secured by section 2 of the Act, which provides that—

"The Hospital shall be available as a Clinical School for Medical Students attending the Queen's College, and such Students may attend the Hospital at such times, and subject to such regulations, as may be prescribed."

For further information application may be made to—

PROFESSOR PYE,
Hon. Secretary of the Medical Staff of Galway Hospital.

In addition to this, the GALWAY FEVER HOSPITAL* is open to Students of the Clinical Class.

Medical Officers—

PROFESSOR COLAHAN.
M. A. LYDON, L.R.C.S., L.R.C.P. EDIN.

Apothecary—

N. GREALY, L.R.C.S., L.R.C.P. EDIN.

Here opportunities are afforded for studying the various forms of Fever and Zymotic disease admitted during the College Session.

* The Royal University and other Licensing Bodies require a certificate of attendance for three months at an hospital devoted to the treatment of fever.

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The Medical Faculty has also made arrangements with the Medical Officers for the admission of Students to the GALWAY UNION HOSPITAL.

Medical Officers—

PROFESSOR COLAHAN, M.D., M.CH.
M. A. LYDON, L.R.C.S., L.R.C.P.

Apothecary—N. GREALY, L.R.C.S., L.R.C.P. EDIN.

This Hospital affords an extensive field for the study of all classes of disease, acute and chronic. A special ward is set apart for the diseases of children, in which Students will have an opportunity of studying this important class of cases.

Opportunities for Extern Practice and Vaccination are afforded at GALWAY DISPENSARY, No. 1.

Medical Officer—

MARTIN F. LYDEN, L.R.C.S., L.R.C.P., EDIN.

Students whose names are on the Clinical Roll of THE GALWAY HOSPITAL may attend any of the above-named Institutions without further charge.*

I.—NATURAL PHILOSOPHY.

(For Courses see Faculty of Arts, p. 45.)

II.—CHEMISTRY.

(1) LECTURE COURSE.

First Year's Course for Pass and Honours. Inorganic and Organic Chemistry.—The class meets at 12 o'clock on Mondays, Wednesdays, and Fridays throughout the Medical Session.

* For further information as to the arrangements for clinical teaching which are liable to alteration) application should be made to Professor Pye, Hon. Sec. of Medical Staff of Galway Hospital.

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The Lectures embrace a consideration of the leading facts of Inorganic and Organic Chemistry, and include both the Pass and Honour subjects required for the First Examination in Medicine of the Royal University, or for other corresponding Examinations.

About forty Lectures are devoted to a detailed study of the non-metallic elements, their reactions, and the constitution of the compounds they form. The general facts established are then reviewed, including the weight and volume relation in chemical reactions, the molecular hypothesis, the atomic hypothesis, the relative weight of molecules and atoms, and the periodic law. The leading metals and their more important compounds are briefly considered, and the remaining Lectures are devoted to Elementary Organic Chemistry, embracing the general methods of study of organic compounds, their identification, qualitative and quantitative analysis, the constitution of molecules, isomerism, and including the reactions of the chief members of the fatty and aromatic groups.

(2) Laboratory Courses, Practical Chemistry.

Second Year's Course for Pass.—This course consists of about forty Lectures of two hours each, commencing early in the first term, and ending at the close of the second term. The class works from 3 to 5 o'clock on Mondays, Wednesdays, and Fridays. The experiments are adapted to the requirements of the Pass Second Examination in Medicine of the Royal University, and of other corresponding Examinations. A *Second Year's Course for Honours*, adapted to the Honour Second Examination in Medicine of the Royal University, will be arranged for Students who desire it.

(3) Text-Books.

For Lecture Course.—Roscoe, Elementary Chemistry; or Richter, Inorganic Chemistry (trans. Smith), and Turpin, or Whiteley, Organic Chemistry.

For Laboratory Courses.—Clowes and Coleman, Elementary Qualitative Analysis, or Clowes, Practical Chemistry; also Rideal, Practical Organic Chemistry.

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III.—NATURAL HISTORY.

(For Courses see Faculty of Arts, p. 197.)

IV.—MODERN LANGUAGES.

(For Courses see Faculty of Arts, p. 201.)

V.—ANATOMY AND PHYSIOLOGY.

A. The Course laid down for Students in ANATOMY comprises :—

(*a*) *Descriptive Anatomy.*—A Course of Systematic Lectures on the Human Body. In the First Term, Osteology and Arthrology are taken up, and special attention is paid to the cultivation of a power of accurate observation and precise description.

Later on, more attention is gradually directed to the Topographic Anatomy of regions that are of medical or surgical importance.

The dissections for these Lectures are made by Prosectors appointed from amongst the best Students.

Casts, plates, and permanent dissections are used, sparingly at first, to a larger extent towards the end of the Course.

(*b*) *Dissections*, made by each Student independently, under the supervision of the Professor and Demonstrator. The Students are advised to learn Topographic Anatomy by means of a series of mental pictures; and, in order to secure vivid pictures, it is pointed out that careful and methodical dissections must be made.

The results of dissections are compared with the special information obtained by frozen sections, as well as with surface Anatomy of the living body, and the knowledge of its deeper organs obtained by auscultation and percussion.

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B. In PHYSIOLOGY three Classes are formed:—Junior, Senior, and Practical.

To the *Junior Class* Lectures are delivered on the Histology and functions of the tissues, and of the organs of vegetable life, to which is added a special account of the structure and functions of muscle and nerve.

In the *Senior Class* the highest animal functions are taken first, beginning with a study of the nervous system and organs of sense.

The great facts of Physiology are studied by an examination of the original evidence, and, when practicable, by a repetition of the experiments that establish them.

For this purpose special portions of Physiology are taken each year.

The *Practical Class* meets in the second and third terms, on three days weekly. Each meeting occupies two hours. A separate table in the Laboratory is provided for each Student. In succession the Students undertake:—

I. PRACTICAL HISTOLOGY.—A Microscope and accessories are at the disposal of each Student.
About 60 preparations of the tissues and organs are made, which become the property of the preparer.

II. PRACTICAL EXPERIMENTAL PHYSIOLOGY.—The phenomena of muscle and nerve, of circulation and respiration, and of the sense organs, are studied experimentally.

III. PRACTICAL CHEMICAL PHYSIOLOGY.—Analysis of the various animal substances and fluids referred to in the General Course of Lectures are made by each Student, special attention being paid to work that is important from a clinical point of view.

A dark room for photographic work and for the use of the Laryngoscope and Ophthalmoscope is in readiness.

The *Laboratory* contains an excellent collection of instruments used in physiological work.

MUSEUM.

To the Physiological Department is attached the Museum of Human and Comparative Anatomy. The preparations in this Museum are arranged in physiological series according to functions of organs.

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They form a valuable addition to the teaching facilities in Physiology; enabling the Professor to illustrate his Lecture by extended references to Comparative Physiology.

This Museum was founded by the late Dr. CROKER KING, some time Professor of Anatomy and Physiology in this College, afterwards Medical Commissioner of the Local Government Board. It was remodelled and enlarged by his successor in the Chair, PROFESSOR CLELAND, F.R.S., now Professor of Anatomy in the University of Glasgow. To Professor Cleland the College is indebted for many valuable specimens which form a permanent record of his work here.

VI.—PRACTICE OF MEDICINE.

Six Months' Course.

On Tuesdays, Thursdays, and Saturdays, at 2 o'clock. The Course is divided into two parts. The first comprises a general introduction to the study of Medicine, and a series of Lectures on the classification of diseases; the general principles of ætiology, semeiology, diagnosis, and therapeusis; the method of clinical examinations; body temperature, and pulse in disease, and kindred subjects.

In the second and longer portion, the specific infections and constitutional diseases, and the diseases of the various systems and organs of the body, are taken up in regular order. The morbid anatomy and pathology, the symptoms, course, duration, and treatment are reviewed; and in addition, the causation, complications, and sequelæ, prognosis, vital statistics, differential diagnosis, prophylaxis, &c., receive attention.

The Lectures are illustrated by pathological preparations—both macroscopic and microscopic—apparatus, instruments, drawings, &c.; and the Professor, being one of the Physicians to the Galway Hospital, has an excellent opportunity of demonstrating to the Class the facts and methods treated of in the Lectures.

Examinations are frequently held during the Session, and by this means attention is paid to the progress of each member of the Class.

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VII.—SURGERY.

The Surgical Lectures are delivered by the Professor of Surgery, at the College, on three days each week during the Session.

During the *First Term*, inflammation, general Surgical diseases, theory of treatment of wounds, &c., furnish the subjects of the Lectures. The class-books recommended are "Walsham's Surgery," "Erichsen's Surgery," and "Green's Pathology."

Early in the *Second Term*, fractures and dislocations form the subject of the Lectures, where much assistance is given by dry specimens of bones, both normal and abnormal.

Special injuries and surgical diseases form the subjects of Lecture during the remainder of the Session.

Treves' System of Surgery and Cassell's Clinical Manuals in connection with the subjects of the Lectures are recommended.

Surgical instruments are shown in connection with the Lectures, so as to give the Students the opportunity of learning the special use of each instrument.

At the termination of the Session an Examination is held, the questions being taken from different portions of the Course, and prizes given for high answering.

VIII.—MATERIA MEDICA.

Lectures are delivered at 2 P.M. on Tuesdays, Thursdays, and Saturdays. The Course comprises a study of the Drugs, organic and inorganic, of the British Pharmacopœia, and a review of the more important Drugs that are not officinal.

The earlier Lectures include a study of:—

1. The general method of classifying drugs.
2. The sources and natural conditions of medicines.
3. The selection and collection of medicines.
4. The active principles of medicines derived from the vegetable kingdom.
5. The modes of administration of drugs.
6. The several circumstances that influence the action of drugs in the system.
7. Prescription reading and prescription writing.

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Several Lectures are next devoted to a critical study of the Official Pharmacopœia.

The succeeding Lectures include the study of individual drugs, organic and inorganic, according to a pre-arranged therapeutical grouping, and after the following method:—Source (geographical, botanical); characters and tests; impurities and incompatibilities; preparations and doses; therapeutic value.

At the commencement of each Lecture the Class are examined on the previous day's work.

THE MUSEUM is enlarged and replenished from year to year, so that the drugs exhibited may be as fresh and characteristic as possible, and contains a complete set of the official drugs, and an extensive collection of drugs not official. These are exhibited to Students during Lecture, and ample opportunity is given them to investigate the physical properties and characteristic appearance of each specimen.

Text-Books.

Whitla—*Pharmacy, Materia Medica and Therapeutics* (6th edition): White—*Materia Medica*, &c.; Mitchell Bruce—*Materia Medica*, &c.: F. T. Roberts—*The Officinal Materia Medica;* C. L. Semple—*Elements of Materia Medica.*

Works of Reference.

Ringer—*Therapeutics;* Farquharson—*Guide to Therapeutics;* Binz—*Elements of Therapeutics;* Lauder Brunton—*Pharmacology, Therapeutics, and Materia Medica, Tables of Materia Medica.*

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PRACTICAL PHARMACY.

1. Is taught in the new Laboratory, which is fitted up with all the appliances, and supplied with all the drugs necessary for a comprehensive study of the subject.

2. Lectures commence early in the first Term, and continue for three months. Not less than two Lectures are delivered in each week. Tuesdays and Saturdays at 3 o'clock.

3. Each Student is obliged to carry out personally the different manipulations and experiments suggested by the Professor in the course of study followed.

4. The earlier Lectures are devoted to a study of the more important pharmaceutical processes—

Sub-division of Drugs.
Weighing.
Measuring.
Sifting.
Elutriation, Suspension, Emulsions.
Solution (Pharmacopœial Solvents).
Crystallization, Evaporation, Precipitation, and Sublimation.

During the study of the above the Students are obliged to prepare some of the more important pharmaceutical preparations involving the processes enumerated.

5. Attention is next directed to the study of incompatibility, after which several Lectures are devoted to the preparation of plants for pharmaceutical purposes, separation of active principles, &c.

6. The concluding Lectures are devoted to the practical study of prescribing, compounding, and dispensing.

The Professor, at the commencement of each Lecture, supplies the notes necessary for the day's work.

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IX.—MIDWIFERY.

1. *Obstetrics.*

The Course occupies six months, and covers:—Anatomy of pelvic organs, mechanism of delivery, conception, pregnancy (including diseases of pregnancy), abortion, normal and abnormal labour, obstetric operations, puerperal diseases.

Gynæcology.

Instruments; methods of examination; operations; and diseases peculiar to women.

Lectures are delivered on Mondays, Wednesdays, and Fridays, from 2 to 3 P.M., during the Session.

The Museum.

The important Museum, collected by the late Dr. Montgomery, and purchased for this Department, contains many very valuable Physiological and Pathological specimens, models, and diagrams. A large collection of Obstetric and Gynæcological instruments has been added.

The Library of the Department is very complete, and to it are added each year, as they are published, the best books and journals on Obstetrics, Gynæcology, and Pædiatrics.

Text-Books.

Playfair's or Leishman's Midwifery.
Barnes—Obstetric Operations.
MacNaughton Jones—Diseases of Women.
Hart and Barbour—Diseases of Women.
Goodall—Lessons on Gynæcology.
Lawson Tait—Diseases of Women and Abdominal Surgery.
Kelly—Operative Gynæcology.

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X.—MEDICAL JURISPRUDENCE.

A. *Forensic Medicine.*—From 12 to 1 on Mondays and Wednesdays.

Poisoning, Suspicion and Symptoms of; Process of Law; Evidence; Signs of Death; Post-mortem Examinations; Crimes against the Person; Starvation; Suicide; Heat and Cold; Insanity, &c.

B. *Toxicology.*—At hours to be arranged with the Professor of Chemistry at the commencement of the Session. The Lectures are based on experiments made partly by the Lecturer and partly by the Students, and embrace the methods of detecting the leading poisons.

The *Library* in this department includes not only the standard works on Forensic Medicine, but those on Criminal Anthropology, on Public Health, Inebriety and Insanity. The *Law* Library is also available for reference.

Text-Books.

Luff's Text-Book of Forensic Medicine and Toxicology; Taylor's Medical Jurisprudence (Stevenson); Tidy's Legal Medicine; Guy and Ferrier's Medical Jurisprudence; Kinkead's Medical Practitioner's Guide.

XI.—FEVER.

This Course of Lectures, including Clinical Instruction, will be delivered at days and hours to be arranged.

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XII.—PATHOLOGY.

The Course will be for three months—two Lectures a week in Theoretical Pathology, and three meetings of the Class weekly in Practical Pathology.

The Laboratory is supplied with Microscopes, Apparatus, and Re-agents.

There is an extensive and valuable collection of Pathological preparations and specimens at the disposal of the Lecturer for use in the Class.

EXAMINATIONS.

Matriculation.

See the Regulations, pages 148 and 165.

Scholarships.*

A. First Year.—For one Scholarship the Course is the same as that prescribed for the Literary Scholarships of the First Year; for the other Scholarship the Course is the same as that prescribed for Science Scholarships of the First Year, in the Faculty of Arts.†

A Scholar or Exhibitioner of the First Year shall attend the following Courses‡ :—

Anatomy,	French or German.
Chemistry,	Natural Philosophy, treated
Natural History.	Experimentally.

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* For Conditions of Tenure and for Exhibitions, see pages 13, 14. By a recent regulation of the Council, all Scholarships and Exhibitions of the Second, Third, and Fourth Years may now be competed for by Students who have attained the requisite standing in any Medical School recognized by the College Council, and have passed the Matriculation Examination in the College.

† See pages 166 and 168.

‡ Scholars of the First Year shall be exempt from attendance on Lectures in French, German, Physics, who shall produce Certificates of having passed a University Examination, or of having attended Courses of Lectures on these subjects in any Institution recognised by the Council of the College.

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B. Second Year.—A Student, in order to compete for a Scholarship of the Second Year, must have Matriculated, and must be of one year's standing, and not more.

Subjects of Examination.

1. *Anatomy* (100).—Osteology and Arthrology; also the Myology of the Limbs.

Candidates may be examined on specimens placed before them.

2. *Chemistry* (100).—The First Year's Lecture Course in Chemistry, for which see page 208.

3. *Natural History* (100).—Vertebrata and Invertebrata.

Structural and Physiological Botany; Principles of Classification; Characters of the more common Natural Orders.

4. *Natural Philosophy* (50).—Elements of Mechanics, Hydrostatics, Pneumatics, Acoustics, Optics, Heat, Electricity, and Magnetism, treated principally from an Experimental point of view.

And either of the following—

5. *French* (50).* *German* (50).*

For the Courses, see the Second Year Scholarship in Arts, page 170.

No mark under one-fifth of the maximum shall be taken into account in any subject.

Scholars or Exhibitioners of the Second Year shall attend the following Courses:—

Physiology.	Practical Anatomy.
Practical Chemistry (if not taken in the First Year).	Materia Medica.

* The Candidates may select either French or German. When entering his name with the Bursar the Candidate shall declare the subjects which he selects for Examination.

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C. THIRD YEAR.—In order to compete for a Scholarship of the Third Year, a Student must—

(*a*) Have Matriculated.

(*b*) Be of two years' standing and not more.

(*c*) Have attended in this, or some Medical School recognised by the College Council, Courses of Lectures in at least four of the following subjects:—

Anatomy and Physiology.	Practical Chemistry.
Chemistry.	Practical Anatomy.
Botany.	Materia Medica.
Zoology.	

Subjects of Examination.

1. *Physiology* (100).—Physiology of Muscle and Nerve, Organs and Functions of Digestion, Absorption, Circulation, Respiration, and Urination, together with the Blood and its Elaboration. The Examination will include practical work.

2. *Practical Anatomy* (100).—Joints, Muscles, Vessels, Viscera, and Brain.

During the Examination, Candidates may be called on to make dissections, or to describe structures placed before them.

3. *Materia Medica and Therapeutics* (100).—The Medicines and Compounds in the British Pharmacopœia. Candidates will be required to identify specimens and write prescriptions.

4. *Laboratory Experiments* (*Practical Chemistry*) (100).—The Second Year's Laboratory Course for Pass described page 209.

No mark under 30 shall be taken into account in any subject.

A Student to whom a Third Year's Scholarship has been awarded shall attend, during the year of his election, four at least of the following Courses:—

Anatomy and Physiology.	Midwifery and Diseases of Women.
Practical Anatomy.	Theory and Practice of Medicine.
Theory and Practice of Surgery.	Medical Jurisprudence.

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D. Fourth Year.—In order to compete for a Scholarship of the Fourth Year, a Student must—

(*a*) Have Matriculated.

(*b*) Be of three years' standing and not more.

(*c*) Have attended in this or some School recognised by the College Council, Lectures in Anatomy and Physiology, and three at least of the following Courses:—

Materia Medica and Therapeutics.	Theory and Practice of Surgery.
Medical Jurisprudence.	Obstetrics and Gynæcology.
Theory and Practice of Medicine.	

Subjects of Examination.

1. *Anatomy and Physiology* (100).—Functions of Cerebro-spinal Axis, Cranial Nerves, Sense Organs and Larynx. Analysis of Bile, Urine, Blood (including quantitative determination of Grape-sugar and Urea, and the use of the Spectroscope).

And *any three* of the following in which he has attended Lectures:—

2. *Materia Medica and Therapeutics* (100).—The Medicines and Compounds of the British Pharmacopœia, together with the Physiological action and Therapeutical effects of the following substances:—Iron, Mercury, Iodine, Arsenic, Aconite, Opium, Digitalis, Alcohol, Nux Vomica, Cinchona. [Candidates will be required to write prescriptions, and identify specimens.]

3. *Medical Jurisprudence* (100).—Abortion; Wounds; Insanity; the Principal Poisons.

4. *Theory and Practice of Medicine* (100).—Diseases of the Digestive, Urinary, and Nervous Systems.

5. *Theory and Practice of Surgery* (100).—Fractures and Dislocations; Wounds; Processes of repair; Surgical Diseases, and Injury of the Head.

6. *Obstetrics and Gynæcology* (100).—Normal and Abnormal Labour; Obstetric operations; Menstruation.

No mark under 30 shall be taken into account in any subject. When entering his name with the Bursar the Candidate shall declare the subjects which he selects for Examination.

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Scholars of the Fourth Year shall attend during the year of their election two at least of the following Courses, viz. Medicine, Surgery, Obstetrics, Medical Jurisprudence.

E. Senior Scholarship in Anatomy and Physiology.—The Scholar will be required to act as Demonstrator in these subjects, and the Examination will be directed to ascertaining his fitness for that position. The Examination will be on the structure and functions of the Human Body, and will include the preparation and recognition of specimens and the description of Museum preparations. Candidates are recommended to practise diagram work. An Examination will be held in the Physiological Laboratory at which Candidates will be required to show a practical acquaintance with the working of Physiological apparatus.

School of Civil Engineering.

Students in the School of Engineering can obtain in the Royal University of Ireland, the Degree of Bachelor of Engineering, Master in Engineering, or a Diploma in Engineering; for the regulations regarding these, see Appendix.

Prescribed Course of Study.

First Session.

Mathematics (First Course); *French or German; Chemistry; *Experimental Physics; Practical Physics; Geometrical Drawing and Descriptive Architecture; Office Work.

Second Session.

Mathematics (Second Course); Mathematical Physics; Practical Chemistry; Civil Engineering and Constructive Architecture; Office Work and Field Work.

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* Students shall be exempt from attendance on Lectures in French, German, Experimental Physics, who shall produce Certificates of having passed an University Examination, or of having attended Courses of Lectures in any Institution recognised by the College Council, in these subjects.

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Third Session.

Mathematical Physics; Civil and Mechanical Engineering; Office Work and Field Work; Geology and Physical Geography.

Attendance on these Courses in all cases includes passing such Examinations as may be appointed by the College Council, as well as the Catechetical parts of the Courses of Lectures.

Some modification of the order in which the subjects shall be studied will be admitted on the recommendation of the Council.

DAYS AND HOURS OF LECTURES.

Subjects.	Terms.	Mon.	Tues.	Wed.	Thrs.	Fri.	Sat.
1st YEAR.							
French, ...	—	—	10	—	10	—	10
Experimental Physics, . .	1, 2, 3,	—	12	—	12	—	12
Practical Physics, . .	2, 3	—	3	—	3	—	—
Chemistry (Pass and Honour),	1, 2, 3,	12	—	12	—	12	—
Mathematics, . . .	1, 2, 3,	1	—	1	—	1	—
Mathematics (Honour), .	1, 2, 3,	—	1	—	1	—	1
Geometrical Drawing and Descriptive Architecture, .	1, 2, 3,	11	—	11	—	11	—
Office Work, . . .	1, 2, 3,	2	—	2	—	2	—
2nd YEAR.							
Civil Engineering, . .	1, 2, 3,	1	—	1	—	1	—
Office Work and Field Work,	1, 2, 3,	2	—	2	—	2	—
Chemistry, Laboratory (Pass or Honour),	3 Mths.	3	—	3	—	3	—
Mathematical Physics (Pass),	1, 2, 3,	10	—	—	—	10	—
Mathematical ,, (Honour),	—	—	9	—	—	—	9
Mathematics (Honour), .	1, 2, 3,	11	—	11	—	11	—
Mathematics (Pass), . .	1, 2, 3,	—	1	—	1	—	1
3rd YEAR.							
Civil and Mechanical Engineering, ...	1, 2, 3,	12	—	12	—	12	—
Office Work and Field Work,	1, 2, 3,	2	—	2	—	2	—
Mathematical Physics, .	1, 2, 3,	—	—	9	...	—	9
Geology and Physical Geography, ...	1, 2,	10	—	10	—	10	—

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I.—MATHEMATICS.

The Courses in Mathematics in the School of Civil Engineering coincide in a great measure with those in the Faculty of Arts (see p. 188), but are slightly more extensive.

In particular, the Pass Course for the First Year includes the elements of Solid Geometry and the use of Logarithmic and Trigonometrical Tables.

The Pass Course for the Second Year includes the elements of the Differential and Integral Calculus.

On the other hand, the Theory of Equations, and the methods of Polar and Trilinear Co-ordinates do not form part of the Course in this School.

When no other arrangements are made, the Lectures on the above additional subjects to Honour Students in the Faculty of Arts are open to Pass Engineering Students.

The Library contains books of Mathematical Tables which will be useful to those who wish for practice in computation.

II.—NATURAL PHILOSOPHY.

(For Courses see Faculty of Arts, p. 189.)

III.—CHEMISTRY.

(1) Lecture Course.

First Year's Course for Pass and Honours. Inorganic Chemistry.—The class attends the Lectures given to Students of the Faculty of Arts at 12 o'clock on Mondays, Wednesdays, and Fridays throughout the Session. Attendance will, however, not be required on Wednesdays between the Christmas recess and the close of the Medical Lectures. The Lectures embrace a consideration of the leading facts of Inorganic Chemistry, and include both the Pass and Honour subjects required for the Second Professional Examination in Engineering of the Royal University, or for other corresponding Examinations. For syllabus see Faculty of Arts.

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(2) LABORATORY COURSES, PRACTICAL CHEMISTRY.

Second Year's Pass Course.—This course consists of about forty Lectures of two hours each, commencing early in the first term, and ending at the close of the second term. The work done is adapted to the requirements in Practical Chemistry of the Pass Second Professional Examination in in Engineering of the Royal University. A *Second Year's Course for Honours*, adapted to the Honour Second Professional Examination of the Royal University, will be organized for Students who desire it.

(3) TEXT-BOOKS.

For Lecture Course.—Thorpe, Inorganic Chemistry, 2 vols., or Richter, Inorganic Chemistry (trans. Smith).

For Laboratory Courses.—Clowes and Coleman, Elementary Qualitative Analysis, or Clowes, Practical Chemistry.

For Reference.—Blount and Bloxam, Chemistry for Engineers; Butterfield, Gas Manufacture; Thorpe, Dictionary of Applied Chemistry.

IV.—MINERALOGY AND GEOLOGY.

(For Courses see Faculty of Arts, p. 199.)

V.—MODERN LANGUAGES.

(For Courses see Faculty of Arts, p. 201.)

VI.—CIVIL ENGINEERING.

FIRST YEAR—SUBJECTS OF LECTURES.

Scales, Curves, Descriptive Geometry, Orthographic and Isometric Projections, Shadows, Perspective and Descriptive Architecture.

Text-Books and Works of Reference.

Miller's Descriptive Geometry. Winter's Geometrical Drawing. Buck on Oblique Bridges. Clarke on Perspective. Carpenter's and Joiner's Assistant. Engineer and Machinists' Drawing Book. Rickman's Gothic Architecture. Ferguson's History of Architecture—(chapters on Greece, Rome, and England). Stuart and Revett's Antiquities of Athens. Oxford Glossary. Classic and Early Christian Architecture—Smith and Slater. Gothic and Renaissance Architecture—Smith. An Introduction to the Study of Gothic Architecture by Parker.

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Second Year—Subjects of Lectures.

Instruments — Surveying, Levelling, Railway Curves, Measurement of Earthwork, Constructive Architecture, Measurement of the Flow of Water, Roads, Railways, Tramways, and Streets (excluding electrical theory of Electric Tramways).

Text-Books and Works of Reference.

Rankine's Civil Engineering. Gillespie's Surveying. Gribble's Preliminary Surveys and Estimates. Rivington's Building Construction, Parts I., II. Bidder's Tables. Sir John M'Neill's Tables. Turner and Brightmore—Principles of Water Supply Engineering. (Chapter on Hydraulics). Carpenter's and Joiner's Assistant. Maguire's Domestic and Sanitary Engineering and Plumbing. Clarke on Tramways. Clarke on Roads. Carriage-ways and Footways by Boulnois. Dawson on Electrical Railways and Tramways. Barry's Railway Appliances. Railway Construction (Mills).

Third Year—Subjects of Lectures.

Materials used in Construction, Stresses in Structures, Principles of Construction of Bridges, Roofs, Canals, Sewerage Works, Harbours, Arterial and Thorough Drainage, Waterworks, Locomotive Engine, Water Wheels.

Text-Books and Works of Reference.

Fairbairn's History of the Manufacture of Iron. Faija, Cement-testing for Cement users. Rankine's Civil Engineering. Rankine on the Steam Engine Rivington's Building Construction, Parts III. and IV. Stoney on Stresses. Cotteril's Applied Mechanics, chaps. xii, xiii, xiv, xv, xx. Humber on Bridges. Buck on the Oblique Arch. Simms on Tunnelling. Latham on Sanitary Engineering. Moore's Sanitary Engineering. Hill on Thirlmere Works. Deacon on Vyrnwy Works, Proc. I. C. E., vol. cxxvi. Drainage of Lands, Towns, and Buildings, by Dempsey, with recent Practice by D. R. Clarke. Sewage Disposal Works by Santo Crimp. Purification of Sewage and Water, by W. J. Dibdin. Turner and Brightmore—Principles of Water Supply Engineering. Vernon Harcourt on Harbours. Vernon Harcourt on Canals and Rivers. Steam Engine by Holmes (omitting Thermo-dynamical Theory). Bowen Cook, British Locomotives. Fairbairn on Mills and Millwork. Bodner's Hydraulic Motors. Tredgold on Carpentry. Carpenter's and Joiner's Assistant. Timber and Timber Trees by Ward. Shelly's Workshop Appliances. Records of Modern Engineering.

The Students of each year are engaged during each term in preparing working drawings of Structures in Architecture and Engineering.

Students of the Second and Third Years make Surveys and Sections in the field.

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EXAMINATIONS.

MATRICULATION.

(See page 166.)

*SENIOR SCHOLARSHIP.

The Course for the Examination consists of the Civil and Mechanical Engineering prescribed for Engineering Students of the Third Year (see p. 226).

JUNIOR SCHOLARSHIPS.

Two are tenable by	Students	of the	First Year.
Two	,,	,,	Second Year.
One is	,, a Student	,,	Third Year.

First Year's Scholarship.

To compete for a Scholarship of the First Year a Student must have Matriculated.

The Course is that prescribed for Science Scholarship of the First Year in the Faculty of Arts (see p. 168).

Second Year's Scholarship.

To compete for a Scholarship of the Second Year a Student must have Matriculated, and be of one year's standing, and not more.

The Course consists of the subjects of study prescribed for Students of the First Year (see p. 222), but French or German is not obligatory.

The subjects of Examination in French or German, and Experimental Physics, are the same as those prescribed for Medical Scholarships of the Second Year (see p. 219).

Third Year's Scholarship.

To compete for a Scholarship of the Third Year a Student must have Matriculated, and be of two years' standing, and not more.

The Course consists of the subjects of study prescribed for Students of the Second Year (see p. 222.)

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* For Regulations *see* pp. 155, 226.

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CHANGES IN THE MATRICULATION AND SCHOLARSHIP COURSES FOR THE SESSION 1901–1902.

The Courses for 1901–1902 will be the same as those prescribed for 1900–1901, with the following alterations:—

I. *Matriculation.*

***Latin*, . .** Cicero—*In Catilinam*, iii. and iv.; *Pro Lege Manilia* (for Cicero as at page 165).
Ovid—*Metamorphoses*, Book xiii. (for xiv.)
The rest as at page 165.

***Greek*, . .** Xenophon — *Hellenica*, Book i. (for Plato, *Apology*).
Euripides—Scenes from *Medea* (Rugby edition) (for *Hecuba*).
The rest as at page 165.

***French*, . .** Coppée—*Le Luthier de Crémone* (for *Le Passant*).
Souvestre—*Un philosophe sous les toits* (for *Au coin du feu*).
The rest as at page 165.

***German*, . .** Archenholz—*Geschichte des siebenjährigen Krieges*, Books i. and ii. (for Kohlrausch and Schiller).
The rest as at page 165.

***Italian*, . .** Soave—*Novelle Morali*, from 16 to end inclusive (for Goldoni—*Il Burbero Benefico*).
Tasso—*Gerusalemme Liberata*, Canto vi. and vii. (for i. and ii.)
The rest as at page 165.

***English*, . .** Campbell—*Gertrude of Wyoming*, Clarendon Press edition (for Milton).
Steele—Essays from *The Tatler*, Macmillan's Selection (for Scott).
The rest as at page 165.

II. *Junior Scholarships of the First Year.*

i. ***Latin*, . .** Sallust—*Catilina* (for *Jugurtha*).
Horace—*Odes* i. (omitting 13, 19, 23, 25, 33) and iii. (omitting 6, 15, 22); *Satires* ii. (omitting 5, 7); *Epistles*, Bk. ii., i. and ii. (for Horace, as at page 167).
The rest as at page 167.

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ii.

Greek, . . Homer—*Iliad*, Book i.; *Odyssey*, Book i. (for Homer, as at page 167).
Demosthenes—Olynthiacs and Philippics i., ii., iii. (for Demosthenes, as at page 167).
The rest as at page 167.

French, . . Coppée—*Le Luthier de Crémone* (for Ponsard—*Charlotte Corday*).
Erckmann-Chatrian—*L'Invasion* (for *Le Tailleur de Pierre de Saint Point*).
Sandeau—*Mademoiselle de la Seiglière* (for Racine *Les Plaideurs*).
The rest as at page 167.

German, . . Schiller—*Der dreissigjährige Krieg*, Book iv. (for *Wilhelm Tell*).
The rest as at page 167.

Italian, . . Alfieri—*Saul* (for Maffei—*Merope*).
Soave—*Novelle Morali*, from 16 incl. to end (for Manzoni—*I Promessi Sposi*).
The rest as at page 167.

Celtic, . . *Eachtra Lomnochtáin an t-Sléibhe-Riffe* (MacNeil) (for *Oidhe Chloinne Lir*, and *Sgeuluidacht Chuige Muman*).
Keating's History of Ireland, Bk. i., Pt. i. (Joyce).
Handbook of Irish Idioms (Hogan), page 64 to end (for *all*).
The rest as at page 167.

iii. *English*. . . Shakspere—*Julius Caesar* (for *Richard II.*).
Macaulay—Essays on *Clive* and *Warren Hastings* (for Essays in the Warwick Library).
The rest as at page 168.

III. *Junior Scholarships of the Second Year.*

i. *Latin*, . Virgil—*Aeneid*, Bk. vi. (for Horace—*Satires* ii.).
Horace—*Odes*, Book iii. (instead of ii.).
The rest as at page 170.

ii. *Greek*, . . Homer—*Od.* v., vi., vii. (for ix. and x.).
The rest as at page 170.

iii. *German*, . . Benedix—*Die Hochzeitsreise* (for Lessing and Gellert).

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iv. *Celtic*, . . (Will be added as an alternative subject for Scholarship in 1901).
1. The Love Songs of Connacht.
2. The Fate of the Children of Lir.
3. Translation into Irish Prose.
4. Irish Grammar and Idioms.
5. History of Ireland from the commencement of Danish incursions to the reign of Henry II., (inclusive).

v. *English*, . . Shakspere—*King John* (for *Macbeth*).
Johnson—Lives of *Cowley* and *Waller* (for *Addison* and *Swift*).
History of Literature—1688 to 1790.
The rest as at page 171.

IV. *Junior Scholarships of the Third Year.*

i. *Latin*, . . Juvenal—*Satires*, 1, 7, 8, 10, 14 (for 4, 5, 7, 8, 10).
Lucretius, Book i. (for Book v.).
Tacitus—*Agricola* (for *Germania*).
The rest as at page 173.

ii *Greek*, . . Thucydides—Book vii. (for Book iv.).
Sophocles—*Antigone* (for *Œdipus Rex* and *Antigone*).

iii. *French*, . . Corneille—*Cinna* (for Racine—*Andromaque*).
Corneille—*Polyeucte* (for *Le Cid*).
The rest as at page 173.

iv. *English*, . . Shakspere—*Merchant of Venice* (for *Richard III.*).
Bacon—*Essays* i.–xxv. (omitting iii., viii., x., xvi., xvii.), (for *Essays* xxi.–xl.).
The rest as at page 173.

v. *Celtic*, . . (Added as an alternative language in section ii. for 1901).
1. Diarmid and Grainne.
2. Cath Rois na Riogh (*later version*).
3. Translation into Irish Prose.
4. Irish Grammar and Idioms.
5. History of Ireland from Richard I. to Henry VIII. (*inclusive*).

vi. *History* (50), . (Added as an optional subject in 1901).
History of England and Ireland, and France from 1558 to 1689.
History of the Thirty Years' War.

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V. *Senior Scholarships.*

1. Ancient Classics.

i. *Greek*, . . Aristophanes—*Acharnians* and *Wasps* (for *Acharnians* and *Knights*).
The rest as at page 176.

ii. *Latin*, . . Cicero—*Ad Att.* vii., viii., ix. (instead of viii., ix., x.).
Lucretius—Book i. (for Book v.).
The rest as at page 176.

2. English and Modern Languages.

[*Modern History* will no longer be one of the subjects of Examination for this Scholarship.]

i. *English*, . . Wordsworth—*Excursion, I., II.* (for Wordsworth, Selections).
Shakespeare—*Lear* and *Richard III.* (for *Twelfth Night* and *King John*).
Bacon—omit.
Burke—omit.
Coleridge—*Biographia Literaria*, chap. 14–22 (as well as Lectures on Shakspere).

ii. *French*, . . Voltaire—*Mérope* (for Corneille—*Cinna*).
Molierè—*Les Femmes Savantes*—omit.
The rest as at page 176.

iii. *Celtic*, . . (Added as an alternative modern language in section ii. for 1901).
1. The Life of Alexander the Great.
2. Cath Rois na Riogh (older version).
3. Prose Composition in Irish.
4. Windisch's Irish Grammar, with Lessons at the end.
5. The Prosody of the Irish Language.
6. History of Ireland from the reign of Edward VI. to the reign of Elizabeth (inclusive).

3. Metaphysics, Political Science, and History.

Metaphysics (100), (As at p. 178.)—*For* "as expounded in Zigliara . . . treatise" *read* "as expounded by Maher, Rickaby, etc."

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ii. ***Political Science*** (100).—(A) *Jurisprudence.*—(As at page 179.)

(B) *Economics.*—For the present Course substitute:—Marshall, *Elements*, vol. i.; J. S. Mill, *Principles*, Books iii. and v.; J. S. Nicholson, *Money*; G. Clare, *Money-market Primer*; C. S. Devas, *Political Economy*; Gibbins, *Industry in England.*

iii. ***History*** (100), . Modern History will in future be one of the subjects of Examination for this Scholarship. The Course for 1901 will be the History of Great Britain and Ireland, France and Germany, from 1588 to 1815.

Faculty of Law.

Scholarship of the *Second Year—Equity.* Add White and Tudor—*Leading Cases in Equity*, vol. i.

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APPENDIX.

For the information of Students, abstracts are here given of the regulations of the Royal University of Ireland; of the University of London, as well as of the Licensing Corporations in Medicine, and of the Honourable Society of King's Inns. The conditions of admission to the Competitive Examinations for certain Home and Foreign appointments are added.

At the end of each abstract, reference is made to the source from which full information may be obtained. Students are reminded that these regulations are subject to frequent change. Care should be taken to consult the latest official rules. These may be referred to in the College Library.

I. Royal University of Ireland.
II. University of London.
III. Royal Colleges of Physicians and Surgeons in Ireland, England, and Scotland.
IV. Regulations prescribed by General Medical Council.
V. Regulations for admission to the Bar.
VI. Inspectorships of National Schools.
VII. County Surveyorships.
VIII. Army, Navy, and Indian Medical Services.
IX. Home Civil Service, Class 1.
X. Civil Service of India, Eastern Cadetships, etc., etc.

I.—ROYAL UNIVERSITY OF IRELAND.

General Regulations.

The following Degrees and Diplomas are conferred by the University :—

Arts—
Bachelor of Arts, . B.A.
Master of Arts, . M.A.
Doctor of Literature, D.Lit.

Mental and Moral Philosophy—
Doctor of Philosophy, D.Ph.

Science—
Bachelor of Science, . B.Sc.
Doctor of Science, . D.Sc.

Engineering—
A Special Diploma, Dip. in Eng.
Bachelor of Engineering, B.E.
Master of Engineering, M.E.

Music—
Bachelor of Music, . B.Mus.
Doctor of Music, . D.Mus.

Medicine—
Bachelor of Medicine, M.B.
Doctor of Medicine, . M.D.

Surgery—
Bachelor of Surgery, . B.Ch.
Master of Surgery, . M.Ch.

Obstetrics—
Bachelor of Obstetrics, B.A.O.
Master of Obstetrics, M.A.O.

Sanitary Science—
A Special Diploma.

Mental Diseases—
A Special Diploma.

Law—
Bachelor of Laws, . LL.B.
Doctor of Laws, . . LL.D.

Agriculture—
A Special Diploma.

Teaching—
A Special Diploma.

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All Degrees, Honours, Exhibitions, Prizes, Scholarships, Studentships, and Junior Fellowships in this University shall be open to Students of either sex.

Candidates for any Degree in this University must have passed the Matriculation Examination. Students from other Universities and Colleges are included in this rule.

Matriculation.

(Dublin and Local* Centres.)

Subjects.

I. Latin.
II. Any one of the following Languages:—Greek, French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, Arabic.
III. English Language.
IV. Elementary Mathematics.
V. Natural Philosophy.

The First University Examination.

One Academical Year after Matriculation. (Dublin and Local* Centres.)

Subjects.

I. Latin.
II. Any one of the following Languages:—Greek, French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, Arabic.
III. English Language and Literature.
IV. Mathematics.
V. Natural Philosophy.

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* There is a Centre in Queen's College, Galway.

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Faculty of Arts.

Second University Examination in Arts.

One Academical Year after First University Examination. (Dublin and Local* Centres).

Subjects.

I. Latin.
II. Greek.
III. English Language and Literature.
IV. Any one of the following Languages:—French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, Arabic.
V. Logic.
VI. Mathematics.
VII. Mathematical Physics.
VIII. Experimental Physics.
IX. Chemistry.
X. Botany and Zoology.
XI. Geology (including Mineralogy and Physical Geography).

N.B.—Candidates at this Examination must answer in four of the foregoing subjects, one of which must be Latin or Mathematics; but candidates entering for Honours in any subject may, if they choose, present as a fifth subject the Honour Course in any of the remaining seven of the foregoing subjects.

Candidates entering for Honours in any subject and presenting a Modern Language as one of the four obligatory subjects, will be at liberty to present, as a fifth subject, the Honour Course in any other of the Languages mentioned under head IV.

B.A. Degree Examination.

One Academical Year after Second University Examination; held in Dublin only.

Subjects.

I. Latin.
II. Greek.
†III. English, and any one of the following Languages:—French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, Arabic.
IV. Logic, and any one of the following:—Metaphysics, Ethics, History of Philosophy, Political Economy.
V. Mathematics.
VI. Mathematical Physics.
VII. Experimental Physics.
VIII. Chemistry.
IX. Physiology.
X. Zoology and Botany.
XI. Geology (including Mineralogy and Physical Geography).

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* There is a Centre in Queen's College, Galway.

† Attention is directed to the fact that, to constitute a subject, English requires to be supplemented as set forth in III.

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Pass.—Candidates who desire a Pass Degree only, must answer in any one of the following groups of subjects, to be selected by them when entering for the Examination:—

A. (1) Latin, (2) Greek, and (3) any one other of the above subjects.†
B. (1) Latin, (2) Logic, Metaphysics, with History of Philosophy, and (3) either Ethics or Political Economy.
C. (1) Mathematics, and (2) (3) two others of the above subjects, one of which must be one of those enumerated under heads VI. to XI.

Honours.—Candidates may obtain the B.A. Degree with Honours in the Honour Courses of any one of the following groups of subjects:—

I. Latin and Greek Languages and Literature.
II. English, and any two of the following Languages:—French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, Arabic.
III. Logic, Metaphysics, Ethics, and History of Philosophy.
IV. Civil and Constitutional History, Political Economy, and General Jurisprudence.
V. Mathematics and Mathematical Physics.
VI. Mathematical Physics and Experimental Physics.
VII. Any two of the following subjects:—

i. Experimental Physics.
ii. Chemistry.
iii. Botany and Zoology.
iv. Physiology *or* Geology.

Any Candidate selecting Group III. will be at liberty to substitute for *Ethics* any one of the three subjects included in Group IV.

M.A. Degree Examination.

One Academical Year after B.A.

Candidates at this Examination will be required to answer in any one of the following groups of subjects:—

I. Latin and Greek Languages and Literature.
II. English, and any two of the following Languages:—French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, Arabic.

† See last foot-note on previous page.

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III. Logic, Metaphysics, Ethics, and History of Philosophy.
IV. Civil and Constitutional History, Political Economy, and Political Philosophy.
V. Mathematics and Mathematical Physics.*
VI. Mathematical Physics and Experimental Physics.*
VII. Any two of the following subjects:—

i. Experimental Physics.*
ii. Chemistry.*
iii. Botany and Zoology.*
iv. Physiology *or* Geology.*

Any Candidate selecting Group III. shall be at liberty to substitute for *Ethics* any one of the three subjects included in Group IV.

D.Lit. Degree.

Final Examination, three Academical years after B.A.

D.Ph. Degree.

Examination, three Academical years from the time of obtaining the B.A. Degree.

B. Sc. Degree.

Examination, one Academical year from the time of graduating in any Faculty in the University.

D.Sc. Degree.

Examination, three Academical years after Graduation in any Faculty in the University.

Diploma in Teaching.

The Diploma is conferred only on Graduates in Arts of the Royal University,

The Examination consists of two parts: the first part to be passed by Candidates not less than one Academical Year after graduation, and the second part not less than one Academical Year after passing the first part.

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* All candidates who present themselves at the M.A. Degree Examination in any group of subjects included in the First Part of the Examination for the D.Sc. Degree, shall, if eligible for both the B.Sc. Degree and for the M.A. Degree, specify for which of these Degrees they desire to present themselves; and they shall be entitled to obtain the Degree only which they so specify.

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A. Subjects for the First Part of the Examination :—

i. Methods of Teaching, School Management and Organisation.
ii. The History of Education; the Lives and Works of Eminent Teachers; and the Systems of Instruction adopted in different Countries.

B. Subjects for the Second Part of the Examination :—

i. Mental and Moral Science in relation to the work of Teaching.
ii. Practical skill in Teaching.

Faculty of Law.

There are three Examinations in Law :—

1. The First Examination in Law.
2. The Examination for LL.B. Degree.
3. The Examination for LL.D. Degree.

Candidates in Law must be Graduates in Arts of the University.

Faculty of Medicine.

While Candidates for other Degrees are required only to pass prescribed Examinations, Medical Students are, in addition, obliged to pursue fixed Courses of Study at special places of education. Considerable changes, binding on all Students who commence their Medical Studies after January 1st, 1892, have been introduced into the Medical Curriculum in consequence of its extension to five years.

Candidates for Medical Degrees, who began their Medical Studies after January 1st, 1892, must have been registered by Medical Council for 57 months, and must be fully 21 years of age.

Medical Curriculum.

First Year.

The First Year's Course of Medical studies consists of :—

(*a*) Natural Philosophy, taught experimentally—

Either a Six Months' Course with Lectures (illustrated experimentally) on three days in the week;

Or, a Three Months' Course with Lectures (illustrated experimentally) on at least five days in the week.

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(*b*) Chemistry, a Six Months' Systematic Course.

(*c*) Biology—

Botany, a three Months' Course with Lectures and Demonstrations on at least three days in the week.

Zoology, a Three Months' Course with Lectures and Demonstrations on at least three days in the week.

(*d*) Anatomy, a Six Months' Systematic Course (Optional).

(*e*) Practical Anatomy (Dissections), a Six Months' Course (Optional).

The Systematic Course in Anatomy and Dissections should enable the Student to acquire a good knowledge of the bones, joints, and muscles, and such knowledge of the vessels and viscera and of the larger nerves, as he may reasonably be supposed to have acquired at this period of his Medical Studies.

(*f*) Practical Chemistry, a Three Months' Course (Optional).

This attendance must not be simultaneous with attendance at the Systematic Course.

Students who have taken the B.A. Degree in any of the subjects named for the First Year's Course of Medical Studies shall, upon the production of certificates of attendance in recognised institutions at proper courses of instruction in such subject or subjects, be exempted from attending any further lectures or passing examinations in such subject or subjects.

But, to entitle a Candidate to any of the privileges here conceded, he must have obtained, at the B.A. Examination in the subject or subjects in which he now claims exemption, Honours, 50 per cent. of the Pass Marks, or the equivalent of this percentage on Honour Papers.

In addition, any Student who may have passed the Second University Examination in Arts, and at such Examination shall have obtained in Biology, either Honours, or 50 per cent. of the Pass Marks, may be exempted from presenting Biology at the First Examination in Medicine; he must, however, lodge the necessary certificates.

Certificates of attendance upon a Course of Lectures on Natural Philosophy, taught experimentally, will be accepted, although such attendance may have taken place prior to the Candidate's first year of Medical Studies, provided such course fulfilled the conditions prescribed for the first year of Medical Studies in this subject.

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Second Year.

The studies assigned to the Second Year must not be entered upon until the completion of the course assigned to the First Year, that is, until the completion of such a course of study as would qualify a Candidate for admission to the First Examination in Medicine.

The Second Year's course of Medical Studies consists of:—

(*a*) Anatomy, a Six Months' Systematic Course (if not attended during the First Year).

(*b*) Practical Anatomy [Dissections], a Six Months' Course (if not attended during the First Year).

Students who in the First Year have attended the courses of Anatomy prescribed for the Second Year, may in the Second Year attend the course of Anatomy prescribed for the Third Year.

(*c*) Practical Chemistry, a Three Months' Course (if not attended during First Year).

(*d*) Physiology, a Six Months' Systematic Course.

The Systematic Course in Physiology should enable the Student to acquire a good knowledge of Physiological Chemistry, and of the following:—Development of tissues; the Physiology of muscle, nerve-fibres, and nerve-cells (but not of the brain and spinal cord); also, the Physiology of blood, lymph, and lymphoid organs, digestion, circulation, respiration, animal heat, secretion and excretion (including the functions of the skin and kidneys). The advanced portions of the subject, *e.g.*, Embryology, the Histology and Physiology of the central nervous system and of the organs of special sense, of voice, and of reproduction, are comprised in the Advanced Systematic Course of Physiology prescribed for the Third Year.

(*e*) Materia Medica, Pharmacology and Therapeutics, a Three Months' Course (optional). This subject may be studied in either the Second or Third Year of Medical Studies; but it will be included in the subjects of the Third Examination in Medicine.

(*f*) Practical Physiology and Histology (optional), a Three Months' Laboratory Course of at least two hours three times a week. One third, at least, of the time shall be devoted to Practical Physiology, and this shall be stated explicitly in the certificate or certificates of attendance. This Course may be taken either in the Second or in the Third Year.

(*g*) Hospital Attendance for the Second Year. Attendance during a *Winter* Session of Six Months. (The total Hospital attendance will be as heretofore, *i.e.* Attendance during thirty-three months.)

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Third Year.

No certificate of attendance at instruction in any of the branches of study assigned to the Third Year will be accepted where such attendance appears to have taken place prior to the completion of the Second Year of Medical Studies, except as herein provided.

The Third Year's Course of Medical Studies consists of :—

(*a*) Anatomy, a Six Months' Advanced Systematic Course (if not attended during the Second Year).

(*b*) Practical Anatomy [Dissections], a Six Months' Course (if not attended during the Second Year).

The Course of Advanced Systematic Anatomy should be such as to enable Students to perfect their knowledge of the branches of Anatomy prescribed for the Second Examination in Medicine, and also of the whole nervous system and the organs of sense.

(*c*) Physiology, a Six Months' Advanced Systematic Course.

The Course of Physiology must be distinct from the Course in the Second Year of Medical Studies. It shall deal expressly with those parts of the subject which are not prescribed for the Second Year's Course, and shall comprise Embryology, the Histology and Physiology of the central nervous system, and of the organs of special sense, of voice, and of reproduction.

(*d*) Practical Physiology and Histology (if not attended during the Second Year).

(*e*) Any *one* or *two* of the following :—

1. Medicine, a Six Months' Course
2. Surgery, a Six Months' Course.
3. Midwifery, and Diseases of Women and Children.

This may be attended either as one complete course of at least six months, embracing both branches of the subject, or as two courses of three months each, one in Midwifery, the other in Diseases of Women and Children. These two courses must not be simultaneous.

(*f*) Materia Medica, Pharmacology, and Therapeutics, a Three Months' Course (if not attended during Second Year).

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(*g*) Practical Pharmacy,* a Three Months' Course, with Lectures on at least two days in the week, given in a recognised School in a properly equipped Laboratory by a duly appointed Lecturer on Pharmacy.

(This Course may be attended before, at the same time as, or after that on Materia Medica, but must be attended in the Third Year.)

(*h*) Hospital Attendance.

Attendance during a *Winter* Session of Six Months, and a *Summer* Session of Three Months at a General Hospital recognised by the University, and at the Clinical Lectures delivered therein.

(*i*) Fever Hospital.

Attendance† during a period of *Three* consecutive months at a Fever Hospital of repute, or in the Fever Wards of a General Hospital. If the attendance takes place during a regular Winter or Summer Session, it may be reckoned as a portion of the prescribed total Hospital attendance of thirty-three months.

But neither attendance at a Fever Hospital, nor the "Personal Charge" of Fever cases, can be recognised, where it takes place prior to attendance at the course of Lectures on the Theory and Practice of Medicine.

(*j*) Attendance† on at least six *post-mortem* examinations.

(*k*) Attendance† for at least three consecutive months in a General Hospital as Clinical Clerk, and three consecutive months as Dresser; such attendances not to be simultaneous.

Fourth Year.

No certificate of attendance at instruction in any of the branches of study assigned to the Fourth Year will be accepted, where such attendance appears to have taken place prior to the completion of the Third Year of Medical Studies, except as herein provided.

The Fourth Year's Course comprises the following subjects at least:—

(*a*) Such of the following as may not have been attended during the Third Year of Medical Studies:—

1. Medicine, a Six Months' Course.
2. Surgery, a Six Months' Course.
3. Midwifery, and Diseases of Women and Children, a Six Months' Course.

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* *All* Candidates are required to lodge Certificates of having attended this Course in accordance with these regulations.

† Any of these attendances may take place at any time during the Third, Fourth, or Fifth Years.

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(*b*) Operative Surgery.

The course of instruction must be given in a recognised Medical School by a duly appointed Lecturer in Surgery. The Certificate of attendance must show that the Candidate has attended at least three-fourths of the whole period of the Course, such attendances not to be under any circumstances less than on twenty-four distinct days; and that the Candidate himself has, during such Course, performed at least four major operations on the dead subject under the direction of the Lecturer.

Printed forms for this Certificate may be had on application.

(*c*) Medical Jurisprudence, a Three Months' Course.

(*d*) Pathology, a Three Months' Systematic Course of at least two lectures per week in a recognised Medical School.

Practical Pathology, a Three Months' Laboratory Course of at least three days per week in a recognised Medical School.

These Courses may be taken simultaneously.

(*e*) Ophthalmology and Otology, a Three Months' Systematic Course in a recognised Medical School. This course may be attended either before or the same time as, but not after, the Hospital attendance in these subjects.

(*f*) Hospital attendance.

Attendance during a *Winter* Session of Six Months and a *Summer* Session of Three Months at a General Hospital recognised by the University, and at the Clinical Lectures delivered therein.

(*g*) Fever Hospital.

Attendance during a period of *Three* consecutive months at a Fever Hospital of repute, or in the Fever Wards of a General Hospital, if not attended during Third Year.

(*h*) Attendance on at least six *post-mortem* examinations. if not attended during Third Year.

(*i*) Attendance for at least three months in a General Hospital as Clinical Clerk, and three months as Dresser; such attendance not to be simultaneous (if not attended during Third Year).

Fourth and Fifth Years.

Attendance on the remaining parts of the Medical Curriculum may take place during either the Fourth or the Fifth Year. These parts are—

(*a*) Sanitary Science. A Three Months' Systematic Course in a recognised school. This course shall include practical demonstrations on Hygienic Apparatus and Models, and visits to Institutions and Buildings where Sanitary Appliances may be inspected.

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(*b*) **Mental Diseases.**

A Three Months' Course in a recognised Institution where Clinical Instruction on Mental Diseases is given.

(*c*) **Practical Midwifery.**

Attendance for a period of six months at a recognised Midwifery Hospital, containing not less than fifteen beds in regular occupation where Clinical Instruction in Midwifery and Diseases of Women and Children is given, or for six months at a Midwifery Dispensary recognised by the Senate, where similar Clinical Instruction is given. During this period the Candidate is required to attend at least *twenty* Labours, of *ten* of which at least he must have had personal charge.

(*d*) Ophthalmology and Otology. Attendance for a period of three months at a recognised Hospital, having at least ten beds devoted to diseases of the Eye and Ear.

(*e*) **Fever Hospital.**

Attendance during a period of *three* consecutive months at a Fever Hospital of repute, or in the Fever Wards of a General Hospital if not already attended.

(*f*) Attendance on at least six complete *post-mortem* examinations, if not already attended.

(*g*) Attendance for at least three months in a General Hospital as Clinical Clerk, and three months as Dresser; such attendance not to be simultaneous, if not already attended.

(*h*) Personal charge of at least ten Fever cases.

Printed Forms of Certificate of "Personal charge" of cases may be had on application.

N.B.—The expression *personal charge* implies that the student fulfils towards the case the duties commonly assigned to a Clinical Clerk.

Attendance in a Fever Hospital, or on Fever Cases, must not take place during the period of attendance on Practical Midwifery and Gynæcology.

Vaccination.

A course of practical instruction under a Public Vaccinator including attendance on at least ten distinct days at a Dispensary when vaccination is being performed.

Printed Forms for this Certificate may be had on application.

Fifth Year.

Hospital Attendance. Attendance during a *Winter* Session of Six Months at a recognised General Hospital, and at the Clinical Lectures delivered therein.

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Examinations in Medicine.

Schedule of Marks.*

First Examination.

	Marks.
Natural Philosophy,	100
Chemistry (Systematic),	100
Botany,	75
Zoology,	75

Second Examination.

Anatomy (Theoretical, Practical),	150
Physiology (Theoretical, Practical),	150
Chemistry (Practical),	100

Third Examination.

Anatomy,	100
Physiology,	100
Materia Medica, Pharmacology, and Therapeutics,	80

The M.B., B.Ch., B.A.O. Degrees Examination.

This Examination consists of three parts:—

(*a*) Medicine, Theoretical and Clinical, including Therapeutics, Mental Diseases, Medical Jurisprudence, Sanitary Science, and Medical Pathology.

(*b*) Surgery, Theoretical, Clinical, and Operative, including the use of Instruments and appliances; Surgical Anatomy; Ophthalmology and Otology,† Surgical Pathology.

(*c*) Midwifery and Diseases of Women and Children.

Schedule of Marks.

Medicine,	100
Surgery,	100
Midwifery, and Gynæcology,	100
Medical Jurisprudence,	50
Pathology,	50
Sanitary Science,	50
Ophthalmology and Otology,	25

* At all Professional Examinations one-half of the maximum number of marks assigned to a subject will be the general Pass Standard.

† Candidates at this Examination must exhibit reasonable proficiency in the use of the Ophthalmoscope and the Laryngoscope.

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M.D. Degree.

Three Academical Years after Primary Degrees.

Subjects:

Medicine and Pathology.

M.Ch. Degree.

Three Academical Years after Primary Degrees.

Subjects:

Surgery (Theoretical and Practical), including Ophthalmology and Otology; Surgical Pathology, Surgical Anatomy and Operative Surgery, with the use of surgical instruments and appliances.

M.A.O. Degree.

Three Academical Years after Primary Degrees.

Subjects:

Midwifery, Diseases of Women and Children, Pathology, Use of instruments and appliances.

Diploma in Sanitary Science (conferred only on Graduates in Medicine of the University one year after obtaining the M.B., B.Ch., B.A.O. Degrees.)

Subjects:

Physics.	Geology.
Climatology.	Sanitary Engineering.
Chemistry.	Hygiene, Sanitary Law, and Vital Statistics.
Microscopy.	
Bacteriology.	

Diploma in Mental Diseases (conferred only on Graduates in Medicine of the University). The subjects are those prescribed for the Hutchinson Stewart Scholarship, for proficency in the treatment of Mental Diseases.

School of Engineering.

B.E. Degree.

All Candidates for the Degree must pass the following Examinations:

The Matriculation Examination.
The First University Examination.
The First Professional Examination.
The Second Professional Examination.
The Degree Examination.

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First Professional Examination.

One Academical Year after Matriculation.

No Candidate can be adjudged to have passed this Examination with a view to proceeding to a Degree in Engineering unless he shall have previously passed the First University Examination, or unless he shall pass it in the same calendar year in which he passes this Examination.

Subjects, and Schedule of Marks:*

1.	Mathematics,	200.
2.	Experimental Physics,	100.
3.	Systematic Chemistry,	100.
4.	Drawing and Descriptive Architecture,	200.

Second Professional Examination.

One Academical Year after First Professional Examination.

Subjects, and Schedule of Marks:*

1.	Mathematics,	200.
2.	Mathematical Physics,	100.
3.	Practical Chemistry,	100.
4.	Practical Engineering,	200.

B.E. Degree.

One Academical Year after Second Professional Examination.

Subjects, and Schedule of Marks:*

1.	Mathematical Physics,	200.
2.	Geology, including Physical Geography,	100.
3.	Civil Engineering,	400.
4.	Drawing,	100.

Diploma in Engineering.

A Diploma in Engineering will be granted to any Candidate who, without having passed the Matriculation and First University Examination, passes the Two Professional and the Degree Examinations.

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* At all Professional Examinations one-half of the maximum number of marks assigned to a subject will be the general Pass Standard.

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M.E. Degree.

One Academical Year after B.E.

Candidates must furnish evidence of having spent one year at least under an Engineer in practice after having obtained the Degree of B.E.

Subjects:

1. Applied Natural Philosophy.
2. Engineering.

Diploma in Agriculture.

Candidates for this Diploma must pass the following examinations:—

1. The Matriculation *or* the Preliminary Examination.
2. The First Examination in Agriculture.
3. The Second Examination in Agriculture.
4. The Diploma Examination.

1. For the Matriculation Examination, see page 90. For the Preliminary Examination the subjects are:—

i. English.
ii. Mathematics.
iii. Natural Philosophy.

2. For the First Examination in Agriculture the subjects are:—

i. Book-keeping.
ii. Mathematics.
iii. Natural Philosophy.
iv. Chemistry.
v. Botany and Zoology.
vi. Land Surveying.

3. For the second Examination in Agriculture the subjects are:—

i. Chemistry applied to Agriculture.
ii. Botany and Zoology.
iii. Physiology.
iv. Land Surveying.

4. For the Diploma Examination in Agriculture the subjects are:—

i. Geology.
ii. Veterinary Hygiene.
iii. Economic Science as applied to Agriculture.
iv. Agriculture, Horticulture, and Forestry.

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Degrees in Music.

B.Mus. Degree.

All Candidates for the Degree must pass the following Examinations:—

The Matriculation Examination.
The First University Examination.
The First Examination in Music.
The Degree Examination.

D.Mus. Degree.

Three Academical Years after B.Mus.

The detailed accounts of the subjects of Royal University Examinations (which may vary from year to year) are to be found in the University Calendar.

Table of University Fees.

	£	s.	d.	£	s.	d.
For the Matriculation Examination,				1	0	0
,, First University Examination,				1	0	0
,, Second University Examination in Arts,				1	0	0
,, B.A. Degree Examination,	1	0	0	3	0	0
Upon admission to Degree,	2	0	0			
For the M.A. Degree Examination,	2	0	0	4	0	0
Upon admission to Degree,	2	0	0			
For the D.Lit. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the D.Ph. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the B.Sc. Degree Examination,	1	0	0	4	0	0
Upon admission to Degree,	3	0	0			
For the D.Sc. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the Studentship Examination,				2	0	0
,, Junior Fellowship Examination,				2	0	0
,, First Professional Examination in Engineering,				1	0	0
,, Second Professional Examination in Engineering,				1	0	0
,, B.E. Degree Examination,	1	0	0	3	0	0
Upon admission to Degree,	2	0	0			
Upon admission to the Diploma in Engineering,				2	0	0
For the M.E. Degree Examination,	2	0	0	4	0	0
Upon admission to Degree,	2	0	0			
For the First Examination in Music,				1	0	0
,, B. Mus. Degree Examination,	1	0	0	3	0	0
Upon admission to Degree,	2	0	0			

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Table of University Fees.—*continued.*

	£	s.	d.	£	s.	d.
For the D. Mus. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the First Examination in Medicine,				1	0	0
,, Second Examination in Medicine,				1	0	0
,, Third Examination in Medicine,				1	0	0
,, Examination for the M.B., B.Ch., B.A.O. Degrees,				2	0	0
,, Qualifying Certificate,				10	0	0
,, M.D. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the M.Ch. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the M.A.O. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the Diploma in San. Science Examination,	2	0	0	5	0	0
Upon admission to Diploma,	3	0	0			
For the Examination for Hutchinson Stewart Mental Diseases Scholarship, and Diploma for Mental Diseases,	2	0	0	5	0	0
Upon admission to the Diploma,	3	0	0			
For the Medical Studentship Examination,				2	0	0
For the First Examination in Law,				1	0	0
,, LL.B. Degree Examination,	1	0	0	4	0	0
Upon admission to Degree,	3	0	0			
For the LL.D. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the Preliminary Examination in Agriculture,				1	0	0
,, First Examination in Agriculture,				1	0	0
,, Second Examination in Agriculture,				1	0	0
,, Diploma in Agriculture Examination,	1	0	0	3	0	0
Upon admission to Diploma,	2	0	0			
For the Diploma in Teaching Examination (First Part),	1	0	0	5	0	0
,, Diploma in Teaching Examination (Second Part),	1	0	0			
Upon admission to Diploma,	3	0	0			
Fee chargeable for late entry for any Examination,				0	10	0

N.B.—A Fee paid for any Examination cannot under any circumstances be returned, or made available for any Examination subsequent to or other than that for which it was paid

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The attention of Students is particularly directed to the notices specifying the last days for sending in notices of intention to be present at Examinations. (Within fourteen days after the date aforesaid, Candidates may enter on paying a late fee of ten shillings additional.)

These dates will be found in the University Calendar.

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Exhibitions, Medals, Scholarships, Studentships, and Fellowships in Arts.

1. The following *Exhibitions* may be awarded annually, in Arts, by the Senate :—

   At *Matriculation*—Ten First Class of £24 each, and twenty Second Class of £12 each.

   At *First University Examination*—Ten First Class of £30 each, and twenty Second Class of £15 each.

   At *Second University Examination*—Eight First Class of £36 each, and sixteen Second Class of £18 each.

   At *B.A. Degree Examination*—Seven First Class of £42 each, and fourteen Second Class of £21 each.

2. *Dr. Henry Hutchinson Stewart Scholarship in Arts.*

   Value £30 annually, tenable for 3 years, awarded in connection with Summer Examinations, on combined Honour marks, at Second University Examination in Arts in the year, and First University Examination in the year immediately preceding, in English and in a Modern language.

3. *Chancellor's Gold Medal for English Prose Composition.* Subject for 1901—"Early European Settlements in America." Limited to Graduates of not more than three years' standing.

4. *Medals.*

   The Senate may award Gold Medals to those who take first place in any of the Courses appointed for M.A. Degree.

5. *English and Latin Verse Compositions.*

   Two Gold Medals are offered annually for competition—the one for the best English Verse Composition, and the other for the best Latin Verse Composition. Each competitor must be either an Undergraduate or a Graduate of not more than one year's standing.

Subjects for 1901.—

English—Alfred the Great.
Latin—Leonidas.

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6. *Scholarships.*

The Senate offer for competition in October, 1900, ten Scholarships, tenable for three consecutive years, viz. :—Five First Class at £40 per annum each, and five Second Class at £20 per annum each.

Of these Scholarships two First Class and two Second Class are offered for proficiency in Classics, two First Class and two Second Class for proficiency in Mathematics, and one First Class and one Second Class for proficiency in Modern Literature.

They are open to Matriculated Students of the University from the time of their Matriculation up to and including the Scholarship Examination held next after they shall have passed the First University Examination, subject to the following conditions :—

1. That the Candidate shall be under twenty-one years of age on the first day of January of the year in which the Scholarship Examination is held.

2. That the Candidate shall have obtained Honours either at the Matriculation Examination or at the First University Examination in the subject of the Scholarship for which he is a Candidate, or in one of the subjects if there be more than one.

3. That the Candidate shall not be a Matriculated Student of any other University.

4. That in the case of the Scholarships in Modern Literature the Candidate shall be a natural-born subject of the Crown.

These Scholarships may be held together with the Exhibitions awarded at the various University Examinations, but no person shall hold more than one Scholarship, and if the answering of any Candidate be such as to qualify for two or more, the Senate shall determine in which subject the Candidate shall be elected a Scholar.

It shall be in the power of the Senate to substitute Second Class Scholarships in any cases in which in their opinion the answering was not sufficient to merit First Class Scholarships, and whenever the Senate shall consider it necessary to

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withhold one or more of the Scholarships offered in any subject, they may award such Scholarships as additional Scholarships in either of the other subjects, if in their opinion the answering in such subject is deserving thereof.

7. *Studentships.*

Five are offered annually for competition, value £100 per annum each, tenable for three consecutive years. They are awarded in connection with M.A. Examinations.

Candidates must be under 26 years of age on the first day of January of the year in which the Studentship Examination is held.

8. *Junior Fellowships.*

In October, 1901, there will be offered for competition among the Graduates in Arts of the University of not less than two years standing, three Junior Fellowships. Such Fellowships shall be tenable for four consecutive years, and shall be of the annual value of £200 each. Junior Fellows shall be bound to take part in the conduct of University Examinations.

The subjects in which these Fellowships will be awarded will be:—

I. English and History.
II. Modern Languages.
III. Chemistry, with Experimental Physics.

Faculty of Law Exhibitions.

The Senate may award the following:—

One First Class Exhibition of £20, and one Second Class Exhibition of £10, at First Examination in Law.

One First Class Exhibition of £42, and one Second Class Exhibition of £21, at LL.B. Degree Examination.

Engineering Exhibitions.

The following may be awarded annually by the Senate:—

One First Class Exhibition of £30, and one Second Class of £15, at First Professional Examination.

One First Class of £36, and one Second Class of £18, at Second Professional Examination.

At B.E. Degree Examination, one First Class of £42, and one Second Class of £21.

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Faculty of Medicine.

The following Exhibitions may be awarded annually by the Senate :—

At *First Examination in Medicine*—Two First Class of £20 each ; two Second Class of £10 each.

At *Second Examination in Medicine*—Two First Class of £25 each ; two Second Class of £15 each.

At *Third Examination in Medicine*—Two First Class of £30 each ; two Second Class of £20 each.

At the *M.B., B.Ch., B.A.O. Degrees Examination*—Two First Class of £40 each ; two Second Class of £25 each.

Travelling Medical Scholarship.

An Examination for this Scholarship, value £100, is held in October. The subjects are in rotation :—

Anatomy and Histology (1900).
Physiology and Pathology (1901).

Dr. Henry Hutchinson Stewart's Medical Scholarships.

One, value £10, tenable for three years in subjects of Second Examination in Medicine.

One, value £50, tenable for three years, for competition among Medical Graduates of not more than two years' standing, for proficiency in Mental Diseases.

Medical Studentship.

A Studentship in Medicine, value £200, tenable for two years, will be offered for competition among Graduates in Medicine of the University in October, 1901.

Subjects of Examination :—

1. Physiology.
2. Physiological Chemistry.

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II.—UNIVERSITY OF LONDON.

All Candidates for Degrees in the University of London are required to pass the General Matriculation Examination.

Degrees in the Faculty of Arts.

Candidates for the Degree of B.A. are required to pass the Intermediate Examination in Arts, after the lapse of one Academical year from the date of passing the Matriculation Examination, and the Degree Examination after the lapse of one year from the date of passing the Intermediate Examination.

Candidates for the Degree of M.A. are admitted to the Examination after the lapse of an Academic year from the date of obtaining B.A., provided they have attained the age of twenty.

Candidates for the Degree of D. Lit. must have obtained the Degree of M.A. in the University, and will be admitted to the Examination for the Degree of D.Lit., at an interval of at least one Academical year from the date of the M.A. Examination.

Candidates will be admitted to the Intermediate Examination in Science after the expiration of one Academical Year from the date of the Matriculation Examination, and to the B.Sc. Examination after the lapse of one further Academical Year. Two Academical years must elapse from date of the B.Sc. Examination before the Candidate can be admitted to the Examination for the Degree of D.Sc.

Degrees in the Faculty of Law.

No Candidate will be admitted to the Intermediate in Laws within nine months from the date of his Matriculation Examination, nor to the LL.B. Degree Examination within less than two years from the date of his Intermediate LL.B. Examination, unless he have already graduated in one of the Faculties of the University, in which case he may be admitted after the lapse of one year.

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No Candidate under the age of thirty will be admitted to the Examination for the Degree of LL.D. until after the expiration of two Academical years from the date of his passing the LL.B. Examination.

Medicine.

Bachelor of Medicine (M.B.)

Every Candidate for the Degree of Bachelor of Medicine shall be required:—

1. To have passed the Matriculation Examination in this University not less than five years previously.
2. To have passed the Preliminary Scientific (M.B.) Examination not less than four years previously.
3. To have been engaged in his Professional Studies during five years subsequent to Matriculation, and four years subsequent to passing the Preliminary Scientific Examination, at one or more of the Medical Institutions or Schools recognized by this University; one year, at least, of the four to have been spent in one or more of the recognized Institutions or Schools of the United Kingdom.
4. To pass two Examinations in Medicine.

Preliminary Scientific (M.B.) Examination.

No Candidate shall be admitted to this Examination unless he has passed the Matriculation Examination.

Intermediate Examination in Medicine.

No Candidate shall be admitted to this Examination unless he has passed the Preliminary Scientific Examination at least two years previously.

Degrees of M.B., B.S., M.S., and M.D.

No Candidate shall be admitted to the Examination for M.B. within twenty-one months of the time of his passing the Intermediate Examinations.

A Candidate for the Degree of B.S. (Bachelor of Surgery) must have passed the Examination for the Degree of M.B.,

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and produce certain required certificates. Candidates for the Degree of M.S. (Master in Surgery) must have taken the Degree of B.S. at least two years previously, and produce certain required certificates. Candidates for the Degree of M.D. must have taken the Degree of M.B. at least two years previously, and must produce certain required certificates.

Candidates for the Degree of M.D. in *State Medicine* must have taken the Degree of M.B. at least two years previously, and must produce certain required Certificates.

For further information see the Calendar of the University of London, which may be consulted in the College Library.

III.—ROYAL COLLEGES OF PHYSICIANS AND SURGEONS OF IRELAND, ENGLAND, AND SCOTLAND.

A.—*Conjoint Examinations in Ireland by the Royal College of Physicians and Royal College of Surgeons.*

1. Every Student must be registered in the books of the General Medical Council. No credit will be given for study, unless registration shall have been effected within fifteen days of its commencement.

Five years' Course (obligatory on all Candidates commencing their studies on or after 1st January, 1892).

First Professional Examination.

Subjects.

1. (*a*) Chemistry; (*b*) Physics. 2. Practical Pharmacy. 3. Elementary Biology. 4. Anatomy.

This Examination may be taken in four parts. Fee £15 15*s*.

Second Professional Examination.

Subjects.

1. Anatomy. 2. Histology. 3. Human Physiology. 4. Materia Medica. Fee £10 10*s*.

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Third Professional Examination.

Subjects.

1. Medicine. 2. Surgery. 3. Pathology. 4. Therapeutics. 5. Public Health and Forensic Medicine. Fee £9 9*s*.

Fourth (Final) Examination.

Subjects.

1. Medicine. 2. Surgery. 3. Operative Surgery and Surgical Anatomy. 4. Ophthalmic and Aural Surgery. 5. Midwifery. Fee, £6 6*s*.

Full information may be had on application to the Secretary of Committee of Management, Royal College of Physicians, Kildare-street, Dublin.

B.—*Regulations of the Examining Board in England (Royal College of Physicians and Royal College of Surgeons), for Candidates who commenced their Professional Studies on or after 1st January*, 1892.

PROFESSIONAL EXAMINATIONS.

First Examination.

1. Chemistry and Physics. 2. Practical Pharmacy. 3. Elementary Biology.

This Examination may be taken in three parts at different times, or the whole may be taken at one time. Fee £10 10*s*.

Second Examination.

1. Anatomy. 2. Physiology. Fee £10 10*s*.

Third or Final Examination.

PART I.—Medicine, including Medical Anatomy, Pathology, Practical Pharmacy (if not previously passed), Therapeutics, Forensic Medicine, and Public Health.

PART II.—Surgery, including Pathology, Surgical Anatomy, and the use of Surgical Appliances.

PART III.—Midwifery and Diseases of Women.

Fee (for whole Examination) £21.

Synopses indicating the range of subjects in the several examinations, and full information as to the course of study required, and certificates prescribed, may be obtained of the Secretary, Examination Hall, Victoria Embankment, London, W.C.

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C.— *Conjoint Examinations in Scotland of the Royal College of Surgeons and Royal College of Physicians, Edinburgh, and Faculty of Physicians, Glasgow (Triple Qualification), for Candidates who began study on or after 1st January*, 1892.

First Examination.

Elementary Biology, Physics, Chemistry. Fee £5.

Second Examination.

Anatomy and Physiology, including Histology. Fee £5.

Third Examination.

Pathology, Materia Medica, and Pharmacy. Fee £5.

Final Examination.

1. Medicine, including Therapeutics, Medical Anatomy, and Clinical Medicine;
2. Surgery, including Surgical Anatomy, Clinical Surgery, and Diseases and Injuries of the Eye;
3. Midwifery, and Diseases of Women and of New-born Children;
4. Medical Jurisprudence and Public Health. Fee £15.

The Registrar for Edinburgh is James Robertson, Esq., Solicitor 48, George-square, Edinburgh.

The Registrar for Glasgow is Alexander Duncan, Esq., Faculty Hall, St. Vincent-street, Glasgow, from whom full Programmes may be had.

IV.—REGULATIONS PRESCRIBED BY GENERAL MEDICAL COUNCIL RESPECTING MEDICAL COURSES IN AND AFTER 1892.

With regard to the Course of Study and Examinations which persons desirous of qualifying for the Medical Profession shall go through in order that they may become possessed of the requisite knowledge and skill for the efficient practice of the Profession, the General Medical Council have resolved that the following conditions ought to be enforced without

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exception on *all* who commence their Medical Studies at any time after January 1, 1892 :—

(*a*) With the exception provided below, the period of Professional Studies between the date of Registration as a Medical Student and the date of Final Examination for any Diploma which entitles its bearer to be registered under the *Medical Acts*, must be a period of *bonâ fide* study during not less than five years.

The first four of the five years of Medical Study should be passed at a School or Schools of Medicine recognised by any of the Licensing Bodies, provided that the First Year may be passed at a University, or Teaching Institution, recognised by any of the Licensing Bodies, where the subjects of Physics, Chemistry, and Biology are taught.

The Examination in the Elements of Physics, Chemistry, and Biology should be passed before the beginning of the Second Winter Season.

The exception referred to above in (*a*) is as follows :—

Graduates in Arts or Science of any University recognised by the Medical Council, who shall have spent a year in the Study of Physics, Chemistry, and Biology, and have passed an Examination in these subjects for the Degrees in question, should be held to have completed the first of the five years of Medical Study.

V.—THE BAR.

Extract from Educational Regulations of the Honourable Society of King's Inns :—

XX. Graduates of the Queen's University in Ireland, Royal University of Ireland, Oxford, Cambridge, and London Universities, may qualify for call to the Bar by attending two continuous Courses of the Lectures of the two Professors at the King's Inns, and in the case of all such Graduates, except Graduates of the Royal University of Ireland, or of the London University, by attending for a year the Lectures of two of the Professors of Law in their respective Universities, and passing the Examinations (if any) held by the Professors at the end of each Course ; and in the case of Graduates of the Royal University of Ireland, by attending for one year the Lectures of two of the Professors of Law in one of the Queen's

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Colleges at Belfast, Cork, or Galway, and passing the like Examinations, if such be held, and in the case of Graduates of the University of London, by attending for one year the Lectures of two of the Professors of Law in University College, and passing the like Examinations if such be held.

VI.—APPOINTMENT OF COUNTY SURVEYORS.

Candidates for the position of County Surveyor, if not existing County Surveyors,

(*a.*) must on the last day fixed by the County Council for receiving applications be not less than twenty-six years of age and not more than forty years:

(*b.*) must show that they have been engaged in the practice of their profession in a responsible position in charge of important works for not less than four years: and

(*c.*) must present themselves to the Civil Service Commissioners for literary examination under the Scheme set forth in the Schedule annexed.

It will be necessary for these candidates to satisfy the Local Government Board as to age, health, character, and the possession of the necessary practical and professional qualifications, and to satisfy the Civil Service Commissioners as to competency.

Candidates who are existing County Surveyors, and have already been certified by the Civil Service Commissioners, will be obliged to satisfy the Commissioners that they have retained their professional knowledge and skill, and the Local Government Board as to age, health, and character.

All Candidates must submit their applications to the County Council within the time fixed by the Council in their advertisement of the vacancy.

A list of applicants will then be forwarded to the Local Government Board; and the Board, after the necessary inquiries have been made, will notify the names to the Civil Service Commissioners.

The result of the examination will be notified by the Board to the County Council, by whom the final selection will be made.

LOCAL GOVERNMENT BOARD,
DUBLIN, *August*, 1899.

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SCHEDULE.

Examinations for County Surveyorships in Ireland.

The Examination consists of two parts, and will be in the following subjects, viz. :—

Part I.

Mathematics—including Geometry, Trigonometry, Algebra, Differential and Integral Calculus, and Geometrical Optics.

Mechanical Philosophy—Including Statics and Dynamics, Hydrostatics and Hydraulics, Pneumatics, and Heat regarded as a source of Power.

Experimental Science — Including Inorganic Chemistry, Heat, Electricity, and Magnetism.

Geology and Mineralogy.

Part II.

Strength and other properties of Materials, and the Calculation of Stresses and Strains.

(A.) Railway and Canal Engineering.

(B.) Marine Engineering—Including Harbour, Dock, Sea, and Reclamation Works.

(C.) Hydraulic Engineering—Including Water Supply, Sewerage, and Irrigation.

(D.) County Works—Including Architecture, Roads, Drainage, and River Works.

Each of the groups lettered (A), (B), (C), (D) to include Designs, Estimates, Specifications, and the mechanical contrivances connected with it.

Candidates must pass in one subject in Part I., and must attain such a standard of proficiency in Parts I. and II. combined as shall satisfy the Civil Service Commissioners.

Civil Service Commission,
June, 1899.

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APPOINTMENT OF ASSISTANT SURVEYORS FOR COUNTIES IN IRELAND.

Whereas by sub-section (4) of section 83 of the Local Government (Ireland) Act, 1898, it is provided in effect that no Assistant Surveyor shall be appointed or removed without the concurrence of the Local Government Board for Ireland, and that every such Assistant Surveyor shall have such qualifications (if any) as that Board may prescribe:

Now therefore We, the said Local Government Board for Ireland, do hereby prescribe with respect to the appointment of Assistant Surveyors for Counties in Ireland, as follows, that is to say:—

1. Every person who is appointed an Assistant Surveyor in any County in Ireland must produce satisfactory evidence to the Local Government Board for Ireland that his health and character are good, and, except in the case of an existing Assistant Surveyor within the meaning of section 109 (1) of the Local Government (Ireland) Act, 1898, that at the date of the resolution of the County Council appointing him his age was not less than 21 years, or more than 45 years.

2. Every person appointed as aforesaid who

(*a*) has a diploma or degree in Engineering from a University or College of Science in the United Kingdom, or a certificate from Her Majesty's Civil Service Commissioners, that he is qualified to act as a deputy for a County Surveyor; or

(*b*) is an Associate Member of the Institution of Civil Engineers, London, or an Associate Member of the Institution of Civil Engineers, Ireland, or has a certificate of having passed the Voluntary Examination for candidates for Surveyorships held by the Incorporated Association of Municipal and County Engineers;

(*c*) was on the first day of April, 1899, an Assistant Surveyor in a county in Ireland, or if appointed in any such county between the first day of April, 1899, and the date of this Order,

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satisfies the Local Government Board for Ireland that he is fully qualified to discharge the duties of his office,

shall be deemed qualified for the position of Assistant County Surveyor without further examination.

3. Every person appointed as aforesaid who is not qualified under the provisions of the foregoing Article of this Order must produce to the Local Government Board for Ireland satisfactory evidence that he has profited by training in one of the two following ways, that is to say, either

(1) By service with a County Surveyor, Civil Engineer, or Architect for not less than two years; or

(2) By attendance at an Engineering School of some University or College of Science in the United Kingdom for not less than one year, and by having been engaged in practical work in connection with Civil Engineering or Building for one year at the least.

4. Every person appointed as aforesaid who is not qualified under the provisions of Article 2 of this Order must, in addition to possessing one of the qualifications specified in Article 3, also pass a qualifying examination to the satisfaction of the Local Government Board for Ireland in the following subjects:—

(1) English Composition as tested by writing a business letter from rough notes, or a short essay on some subject connected with his profession.

(2) Arithmetic.

(3) Mensuration.

(4) Building construction.

(5) Construction and maintenance of roads.

(6) Chain surveying and levelling.

5. The provisions of the foregoing Articles shall be and remain in force until we otherwise order.

Sealed with our Seal this Ninth day of February in the year of our Lord One Thousand Nine Hundred.

[L.S.] (Signed),

H. A. Robinson.
Wm. L. Micks.

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VII.—MEDICAL COMMISSIONS IN THE ARMY, NAVY, AND INDIAN SERVICES.

Limits of Age, 21–28 *at date of Examination.*

Candidates, who must be registered as qualified to practise Medicine and Surgery, will be examined in the following compulsory subjects, and the highest marks attainable will be distributed as follows :—

	Marks.
(*a*) Surgery,	1200
(*b*) Medicine, including therapeutics, and diseases of women and children,	1200
(*c*) Anatomy and physiology,	600
(*d*) Chemistry and pharmacy, and a practical knowledge of drugs,	600

Voluntary Subjects.

*Modern Languages—	
French,	200
German,	200
Natural Sciences—	
A candidate may not present himself for examination in more than two of the following subjects :—	
(*a*) Physics,	300
(*b*) Zoology,	300
(*c*) Geology and physical geography,	300
(*d*) Botany,	300

N.B.—The Examination in Medicine and Surgery will be in part practical, and will include operations on the dead body, the application of Surgical apparatus, and the examination of Medical and Surgical patients at the bedside. The Examination in Chemistry will be limited to the elements of the science, and to its application to Medicine, Pharmacy, and Practical Hygiene; and the Examination in Materia Medica will include a knowledge of the Physiological actions and Therapeutical uses of drugs.

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* Candidates for the Royal Army Medical Corps and for the Indian Medical Service may add Hindustani (200 marks).

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No Candidate shall be considered eligible who shall not have obtained at least *one-third* of the maximum marks in each of the above *compulsory subjects*. For the Army, and India, one-half of the aggregate of marks for *all* the compulsory subjects must be obtained, as well as a minimum of one-third in each compulsory subject.

A number less than one-third of the marks obtainable in each of these *voluntary subjects* will not be allowed to count in favour of the Candidate who has qualified in the *compulsory subjects*.

The knowledge of Modern Languages being considered of great importance, all intending competitors are urged to qualify in French and German.

Medical Commissions.

Further information may be had from the following authorities:—

NAVY:—Director-General, Medical Department, Admiralty, Northumberland-avenue, London, W.C.
ARMY:—Adjutant-General to the Forces, Horse Guards, War Office, Pall Mall, London, S.W.
INDIA:—Military Secretary, India Office, Westminster, London, S.W.

VIII.—HOME CIVIL SERVICE.

Clerkships (Class I).—Regulations.

1. Candidates must have attained the age of 22, and must not have attained the age of 24 on the first day of the Competitive Examination.

Extract from the Regulations respecting Open Competitive Examinations for Clerkships (Class I.) in the Civil Service.

Out of the list resulting from each Examination will be filled (provided there be Candidates duly qualified):—

(*a*) All the vacancies in Class I. which may have been reported to the Civil Service Commissioners up to the date of the announcement of the result of the Examination.

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(*b*) Any additional vacancies occurring within six months from the date of the announcement of the result of the Examination, which the Head of the Department may desire to have so filled.

Candidates will be allowed to choose, according to their place on the list, among the vacancies (*a*) for which they are duly qualified; or they may elect to wait for the chance of a vacancy (*b*). When vacancies (*b*) occur, they will be offered in rotation to the qualified Candidates then on the list, who will be free to decline them without forfeiting their claim to subsequent vacancies (*b*).

The subjects of Examination for the Home Civil Service are substantially the same as those prescribed for the Indian Civil Service.

Further information with regard to appointments in the Post Office, War Office, and Admiralty, may be obtained on application to the Secretary, Civil Service Commission, London, S.W.

IX.—CIVIL SERVICE OF INDIA.

No person will be deemed qualified who shall not satisfy the Civil Service Commissioners:—(i.) That he is a natural-born subject of Her Majesty. (ii.) That his age will be above twenty-one years and under twenty-three years on the 1st day of the year in which the Examination is held. (iii.) That he has no disease, constitutional affection, or bodily infirmity unfitting him, or likely to unfit him, for the Civil Service of India. (iv.) That he is of good moral character.

For the Examination commencing on the 1st August, 1900, application must be made on the prescribed form on or before the 2nd July, 1900, accompanied by a list of the subjects in which the Candidate desires to be examined. Further information with regard to appointments in the Post Office, War Office, and Admiralty, may be obtained on application to the Secretary, Civil Service Commission, London, S.W.

Should the evidence upon the above points be *prima facie* satisfactory to the Civil Service Commissioners, the Candidate, on payment of the prescribed fee, will be admitted to the examination.

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The Open Competitive Examination will take place only in the following branches of knowledge:—

	Marks.
English Composition,	500
Sanskrit Language and Literature,	500
Arabic, ditto, ditto,	500
Greek, ditto, ditto,	750
Latin, ditto, ditto,	750
English, ditto, ditto (including special period named by the Commissioners), *	500
French Language and Literature,	500
German, ditto, ditto,	500
Mathematics (pure and applied),	900
Advanced Mathematical subjects (pure and applied),	900
Natural Science, *i.e.* any number not exceeding *three* of the following subjects:—	
Elementary Chemistry and Elementary Physics, (N.B.—This subject may not be taken up by those who offer either Higher Chemistry or Higher Physics.) Higher Chemistry, Higher Physics, Geology, Botany, Zoology, Animal Physiology,	600 each = 1800
Greek History (Ancient, including Constitution),	400
Roman History (ditto, ditto),	400
English History,	500
General Modern History (period to be selected by Candidates from list in the Syllabus issued by the Commissioners), *	500
Logic and Mental Philosophy (Ancient and Modern),	400
Moral Philosophy (Ancient and Modern),	400
Political Economy and Economic History,	500
Political Science (including Analytical Jurisprudence, the Early History of Institutions, and Theory of Legislation),	500
Roman Law,	500
English Law. Under the head of "English Law" shall be included the following subjects, viz.:— (1) Law of Contract; (2) Law of Evidence; (3) Law of the Constitution; (4) Criminal Law; (5) Law of Real Property; and of these five subjects Candidates shall be at liberty to offer any four, but not more than four,	500

* A Syllabus, defining in general terms the character of the Examination in the various subjects, may be obtained on application to the Secretary, Civil Service Commission.

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Candidates are at liberty to name any or all of these branches of knowledge. No subjects are obligatory.

The marks assigned to Candidates in each branch will be subject to such deduction as the Civil Service Commissioners may deem necessary, in order to secure that "no credit be allowed for merely superficial knowledge." Marks assigned in English Composition and Mathematics will be subject to no deduction. Each science will, for the purpose of deduction, be treated as a separate subject. The Examination will be conducted on paper and *vivâ voce*.

The Candidates who obtain the greatest aggregate number of marks will be deemed to be selected Candidates for the Civil Service of India, provided they appear to be in other respects duly qualified.

Should any of the selected Candidates become disqualified, the Secretary of State for India will determine whether the vacancy shall be filled up or not. In the former case, the Candidate next in order of merit, and in other respects duly qualified, shall be deemed to be a selected Candidate.

Examinations for Eastern Cadetships, viz.:

FOR CADETSHIPS IN THE CIVIL SERVICES OF CEYLON AND OF HONG KONG, THE STRAITS SETTLEMENTS AND THE PROTECTED STATES OF THE MALAY PENINSULA.

[The next Examination for Eastern Cadetships will be held under these Regulations. Alterations may be made for any subsequent Examination.]

1. The Cadets, who must be natural-born British subjects, are selected by open competitive examination held by the Civil Service Commissioners, to whom all inquiries on the subject should be addressed.

The examinations for these appointments will, as a rule, be held in the month of August of those years in which vacancies have occurred in the Civil Service of Ceylon or in that of Hong Kong, the Straits Settlements, and the Protected States of the Malay Peninsula; and the successful Candidates will be allotted as and when opportunity offers, to the various Colonies or States in which vacancies may exist upon a consideration of all the circumstances, including their own wishes; but the requirements of the Public Service will

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rank before every other consideration, and the Secretary of State retains full discretion to allot as he thinks fit.

2. Candidates must be between the ages of 21 and 24 on the first day of August in the year in which the Examination is held, and must satisfy the Civil Service Commissioners that they are duly qualified in respect of health and character. They must be of sound constitution, possessed of good sight, and physically qualified for service in tropical climates, and they will be called upon to undergo a strict medical examination to test these points.

3. The subjects of the Examination are the same as those prescribed for the Indian Civil Service.

4. Application for permission to attend one of these Examinations must be made in the writing of the Candidate, at such times and in such manner as may be fixed by the Commissioners.

CIVIL SERVICE COMMISSION, LONDON, S.W.,
12th April, 1899.

Open Competitive Examinations.

FOR THE SITUATION OF STUDENT INTERPRETER FOR THE OTTOMAN DOMINIONS, PERSIA, GREECE, AND MOROCCO.

1. Candidates will be required to satisfy the Civil Service Commissioners:—

(*a*) That they are natural-born subjects of Her Majesty.
(*b*) That their age on the first day of the Examination is not less than 18 or more than 24.
(*c*) That they are duly qualified in respect of health and character.
(*d*) That they are unmarried.

2. The Examination will be in the following subjects:—

Obligatory.

I. Reading aloud, Handwriting, and Orthography.
II. Arithmetic (including Vulgar and Decimal Fractions).
III. English Composition.
IV. French. (Translation from and into, writing from dictation, writing a letter in French on ordinary subjects, and conversation, paying particular attention to accents, genders, and tenses.)
V. Latin.

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Optional.

I. Ancient Greek.
II. Italian.
III. German.
IV. Spanish.

3. A fee of £4 will be required from every Candidate attending the Examination.

EXAMINATIONS FOR THE SITUATION OF STUDENT INTERPRETER IN CHINA, JAPAN, OR SIAM.

The Regulations are similar to those under which the foregoing Examinations are held; but the subjects of Examination are as follows:—

Obligatory.

I. Handwriting, and Orthography.
II. Arithmetic (including Vulgar and Decimal Fractions).
III. English Composition.

Optional.

IV. Précis.
V. Geography.
VI. Euclid (Books I. to IV.).
VII. Latin.
VIII. French.
IX. German.
X. (*a*) The Elements of Criminal Law;
(*b*) The principles of British Mercantile and Commercial Law relating to (1) Shipping, (2) Negotiable Instruments, Bills of Exchange, and Promissory Notes, (3) Contracts for the Carriage of Goods, (4) Contracts for Marine Insurance, Bottomry, and Respondentia, (5) Contracts with Seamen, (6) The Doctrines of stoppage *in transitu* and lien.

Notice of these Examinations is given by advertisement in the *London Gazette*, and some other papers.

CIVIL SERVICE COMMISSION,
28*th July*, 1899.

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EXAMINATION PAPERS, 1900-1901.

MATRICULATION.

LATIN.

Examiner.—PROFESSOR SANDFORD.

1. Translate, parsing fully the words in italics:—

I.

Possum persequi multa oblectamenta rerum rusticarum; sed ea ipsa, quae dixi, fuisse sentio longiora. *Ignoscetis* autem; nam et studio rerum rusticarum provectus sum, et senectus est natura loquacior: ne ab omnibus eam vitiis *videar* vindicare. Ergo in hac vita M'. Curius, quum de Samnitibus, de Sabinis, de Pyrro triumphasset, consumpsit extremum tempus aetatis.—CICERO.

II.

Haec igitur lex in amicitia sanciatur, ut neque rogemus res turpes, nec faciamus rogati. Turpis enim excusatio est et minime accipienda quum in ceteris peccatis, tum si quis contra rempublicam se amici causa fecisse fateatur. Etenim eo loco, Fanni et Scaevola, locati sumus, ut nos longe prospicere oporteat futuros casus reipublicae.—*Ibid.*

III.

Aeolon ille *refert* Tusco regnare profundo,
Aeolon Hippotaden, cohibentem carcere ventos:
Quos bovis inclusos tergo, memorabile munus,
Dulichium sumsisse ducem; flatuque secundo
Lucibus isse novem et terram adspexisse petitam;
Proxima post nonam quum sese aurora moveret,
Invidia socios praedaeque cupidine victos
Esse ratos aurum, demsisse ligamina ventis:
Cum quibus isse retro, per quas modo venerat undas.
Aeoliique ratem portus *repetisse* tyranni.

OVID.

2. (*a*) Conjugate the Latin verbs from which the following English words are derived:—division, mortal, orient, mansion, date.

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(*b*) Give the meaning and gen. sing. of:—quisquam, senex, pulvis, domus, pons.

3. Translate into Latin:—(*a*) I don't agree with those who have lately begun to maintain that the mind perishes with the body.

(*b*) If I were to deny that I am moved with sorrow for Scipio, I should not speak the truth.

(*c*) When he heard this, Caesar exhorted his men, and fiercely charged the enemy.

4. (*a*) Give the dates and results of the following battles:—Pydna, Colline Gate, Pharsalus, Actium.

(*b*) Sketch the struggle between Caesar and Pompey.

(*c*) What were the rights of a Roman citizen?

GREEK.

Examiner—PROFESSOR D'ARCY THOMPSON.

1. Give the accusative case singular of each of the nouns:—*πόλις, βασιλεύς, χείρ, κύων, γυνή.*

2. Decline throughout in the singular:—*πρᾶος, πολύς.*

3. Compare *ἀγαθός, μέγας.*

4. Give the principal parts of:—*οἶδα, εἶμι, ἵημι, ἐλαύνω.*

5. What anomalous construction is observable in the expression—*τὰ δῶρά ἐστι μεγάλα?*

6. Translate the following passages:—

(*a*) *γύναι, δοκῶ μέν σ' εἰδέναι γνώμην στρατοῦ*
ψῆφόν τε τὴν κρανθεῖσαν· ἀλλ' ὅμως φράσω.
ἔδοξ' Ἀχαιοῖς παῖδα σὴν Πολυξένην
σφάξαι πρὸς ὀρθὸν χῶμ' Ἀχιλλείου τάφου.
ἡμᾶς δὲ πομποὺς καὶ κομιστῆρας κόρης
τάσσουσιν εἶναι· θύματος δ' ἐπιστάτης
ἱερεύς τ' ἐπέσται τοῦδε παῖς Ἀχιλλέως.
οἶσθ' οὖν ὃ δρᾶσον; μήτ' ἀποσπασθῇς βίᾳ
μήτ' εἰς χερῶν ἅμιλλαν ἐξέλθῃς ἐμοί·
γίγνωσκε δ' ἀλκὴν καὶ παρουσίαν κακῶν
τῶν σῶν. σοφόν τοι κἀν κακοῖς ἃ δεῖ φρονεῖν.

EURIPIDES.

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(*b*) Τελευτῶν οὖν ἐπὶ τοὺς χειροτέχνας ἦα· ἐμαυτῷ γὰρ ξυνῄδειν οὐδὲν ἐπισταμένῳ, ὡς ἔπος εἰπεῖν, τούτους δέ γ' ἤδειν ὅτι εὑρήσοιμι πολλὰ καὶ καλὰ ἐπισταμένους. καὶ τούτου μὲν οὐκ ἐψεύσθην, ἀλλ' ἠπίσταντο ἃ ἐγὼ οὐκ ἠπιστάμην καί μου ταύτῃ σοφώτεροι ἦσαν. ἀλλ', ὦ ἄνδρες Ἀθηναῖοι, ταὐτόν μοι ἔδοξαν ἔχειν ἁμάρτημα, ὅπερ καὶ οἱ ποιηταί, καὶ οἱ ἀγαθοὶ δημιουργοί· διὰ τὸ τὴν τέχνην καλῶς ἐξεργάζεσθαι ἕκαστος ἠξίου καὶ τἆλλα τὰ μέγιστα σοφώτατος εἶναι, καὶ αὐτῶν αὕτη ἡ πλημμέλεια ἐκείνην τὴν σοφίαν ἀπέκρυπτεν.—PLATO.

6. What incidents or events are suggested to you by the following dates, B.C., respectively?—

560, 490, 431, 399, 387, 362.

FRENCH.

Examiner—PROFESSOR STEINBERGER.

GRAMMAR.

1. State the rules that govern the gender of—temps, richesse, pommier, bonheur, fleur, or, pomme, effroi, cœur, vie.

2. Conjugate in the present and first (simple) future—semer, préférer, appeler, acheter.

3. (*a*) Form the present and past participles of the following verbs—s'enquérir, s'asseoir, vivre, boire, paître, mouvoir, lire, dissoudre, accueillir, savoir.

(*b*) Give the first person singular of the present subjunctive and of the imperfect subjunctive of the same verbs.

4. Illustrate, by four sentences in French, the difference between the imperfect and past definite (preterite).

5. Write the various meanings of the words—tour, poste, cour, mémoire. Give the feminine nouns corresponding to—messieurs, inspecteur, pêcheur, pécheur, garçon, instituteur; and translate the homonyms—cour, cours, court; boue, bout; port, porc.

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2. Translate into French:—

There is a being who is a citizen of the world, who travels incessantly. The air is not more subtile; water is not more fluid. He removes everything—replaces everything.

He is mute, yet speaks all languages, and is the most eloquent of orators.

He appeases all quarrels, all tumults, and he encourages all laws and lawsuits.

He excites courage, and instigates cowardice; braves all seas, and will never sojourn anywhere.

He procures repose and banishes sleep. He is the strong arm of tyranny and the guarantee of independence.

Virtue despises him, and yet cannot do without him.

His presence gives birth to pride; his absence humbles it.

But of whom or what are we speaking?—Money!

ENGLISH.

Examiner—PROFESSOR TRENCH.

1. Define *pronoun*. Into what classes are English pronouns divided? Give examples.

2. Give some examples of the metaphors and similes which Milton makes use of in *Paradise Lost*, I., or in *Lycidas*.

3. How is St. Peter introduced in *Lycidas*, and with what object?

ESSAY.

Write an Essay on

'Life in the time of Ivanhoe.'

MATHEMATICS.

Examiner—PROFESSOR A. C. DIXON.

1. Express as a decimal the square of $\cdot 0\dot{1}$.

2. Find the eighth root of 16777216.

3. Find, to the nearest penny, the true discount on a bill for £536 6*s.* 7*d.* due 3 months hence, the rate of interest being 3 per cent. per annum.

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4. Find the H. C. F. of

$$2x^3 + 6x^2 - 3x - 7, \quad \text{and} \quad 3x^3 - 8x^2 + 8x + 19.$$

5. Solve the equation

$$\frac{1}{x+5} + \frac{1}{x+8} = \frac{2}{x+6}.$$

6. If a men mow b acres in c hours, how many men could mow d acres in e days of ten hours each?

7. Construct a parallelogram equal to a given triangle and with one angle equal to a given angle.

8. Divide a straight line into two parts so that the square on one part shall be equal to the rectangle contained by the whole and the other part.

9. Prove that chords of a circle are greater or less according as they are nearer to or further from the centre.

EXPERIMENTAL PHYSICS.

Examiner—PRESIDENT ANDERSON.

1. Define acceleration. A balloon, starting from rest, rises with uniform acceleration to a height of 900 feet in one minute; find its final velocity.

2. Describe Atwood's machine, and explain how it is used to find the acceleration of gravity.

3. Find the relation between the power and the weight in a smooth inclined plane, the power being supposed to act up the plane.

4. What is meant by the atmospheric pressure? and how is it measured?

5. A circular plate, whose area is 2 square feet, is immersed in water, with its centre at a depth of 8 feet, find the thrust on one side of it.

6. A body, whose weight is 100 lbs., floats in water, with 6 cubic inches above the surface, find its volume.

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LITERARY SCHOLARSHIP OF THE FIRST YEAR.

LATIN.

FIRST PAPER.

Examiner.—PROFESSOR SANDFORD.

1. Translate with brief notes:

I.

Caesa ad duodecim milia; exuti prope omnes armis domos passim palantes per agros diffugere. Nec obsessos alia ulla res quam iniqua oppugnantibus hiems tutabatur. Triginta dies obsidio fuit, per quos raro umquam nix minus quattuor pedes alta iacuit; adeoque pluteos ac vineas Romanorum operuerat, ut ea sola ignibus aliquotiens coniectis ab hoste etiam tutamentum fuerit. Postremo, cum Amusicus princeps eorum ad Hasdrubalem profugisset, viginti argenti talentis pacti deduntur. Tarraconem in hiberna reditum est.—LIVY.

II.

Si vos non tenent foedera vestra nisi ex auctoritate aut iussu vestro icta, ne nos quidem Hasdrubalis foedus, quod nobis insciis icit, obligare potuit. Proinde omittite Sagunti atque Hiberi mentionem facere, et, quod diu parturit animus vester, aliquando pariat. 'Tum Romanus sinu ex toga facto' hic inquit 'vobis bellum et pacem portamus, utrum placet, sumite.' Sub hanc vocem haud minus ferociter, daret, utrum vellet, subclamatum est. Et cum is iterum sinu effuso bellum dare dixisset, accipere se omnes responderunt et quibus acciperent animis, isdem se gesturos.—*Ibid.*

III.

Volux adveniens quaestorem appellat dicitque se a patre Boccho obviam illis simul et praesidio missum. Deinde eum et proxumum diem sine metu coniuncti eunt. Post, ubi castra locata et diei vesper erat, repente Maurus incerto voltu [pavens] ad Sullam accurrit dicitque, sibi ex speculatoribus cognitum Jugurtham haud procul abesse; simul uti noctu clam

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secum profugeret rogat atque hortatur. Ille animo feroci negat se totiens fusum Numidam pertimescere; virtuti suorum satis credere; etiamsi certa pestis adesset, mansurum potius quam proditis quos ducebat turpi fuga incertae ac forsitan post paulo morbo interiturae vitae parceret.—SALLUST.

IV.

Ingens multitudo navalium sociorum, e tribus contracta classibus, intra paucos dies omnia quae ad oppugnationem urbis terra marique munitae faciunda opera erant effecit. Iam testudinibus admotis murus subruebatur, iam arietibus quatiebatur. Itaque una crebris ictibus eversa est turris, quodque circa muri erat casu eius prostratum; et Romani simul a portu, unde aditus planior erat, ut distenderent ab apertiore loco hostes, simul per patefactum ruina iter irrumpere conantur; nec multum afuit, quin, qua intenderant, penetrarent; sed tardavit impetum eorum spes obiecta dedendae urbis; mox deinde eadem turbata. Dexagoridas et Gorgopas pari imperio praeerant urbi. Dexagoridas miserat ad legatum Romanum traditurum se urbem; et cum ad eam rem tempus et ratio convenisset, a Gorgopa proditor interficitur: intentiusque ab uno urbs defendebatur: et difficilior facta oppugnatio erat, ni T. Quinctius cum quattuor millibus delectorum militum supervenisset.—LIVY.

2. Translate into Latin:—

And, so on the following day, before going out to battle, he ordered all his cavalry to operate on the side on which the King could approach. He assigns to the care of the Tribunes the gates and all the wall between them, while he himself advances on the town, and, as on the previous day, makes an attack on the walls. Meantime Jugurtha suddenly makes an onslaught on our men from an ambuscade. Those who had been stationed near were, for a moment, terrified and thrown into confusion, but the rest speedily came to their help. The Numidians could not have offered any protracted resistance had not the mingling of infantry with the cavalry caused great disaster in the conflict, for the horsemen relying on the foot, did not, as is is usual in a cavalry battle, first charge and then retire, but charged with their horses right into our line, which they pierced and broke, and so left the foe almost conquered for their light-armed infantry.

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LATIN.

Second Paper.

Professor Sandford.

1. Translate, with brief notes:—

I.

Poscimur. Si quid vacui sub umbra
Lusimus tecum, quod et hunc in annum
Vivat et plures, age, dic Latinum,
Barbite, carmen,
Lesbio primum modulate civi;
Qui, ferox bello, tamen inter arma,
Sive jactatam religarat udo
Litore navim,
Liberum et Musas Veneremque et illi
Semper haerentem Puerum canebat,
Et Lycum, nigris oculis nigroque
Crine decorum.

Horace.

Scan the last stanza, noticing any peculiarity.

II.

Dive, quem proles Niobaea magnae
Vindicem linguae, Tityosque raptor
Sensit, et Trojae prope victor altae
Phthius Achilles,
Ceteris maior, tibi miles impar;
Filius quamquam Thetidos marinae
Dardanas turres quateret tremenda
Cuspide pugnax.
Ille, mordaci velut icta ferro
Pinus, aut impulsa cupressus Euro,
Procidit late posuitque collum in
Pulvere Teucro.
Ille non, inclusus equo Minervae
Sacra mentito, male feriatos
Troas et laetam Priami choreis
Falleret aulam.

Id.

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III.

Quinte, puta, aut Publi (gaudent praenomine molles
Auriculae) tibi me virtus tua fecit amicum:
Ius anceps novi, causas defendere possum:
Eripiet quivis oculos citius mihi, quam te
Contemptum cassa nuce pauperet: haec mea cura est,
Ne quid tu perdas, neu sis iocus: ire domum atque
Pelliculam curare iube; fi cognitor ipse.
Persta, atque obdura, seu rubra canicula findet
Infantes statuas; seu pingui tentus omaso
Furius hibernas cana nive conspuet Alpes.
'Nonne vides' (aliquis cubito stantem prope tangens
Inquiet), 'ut patiens! ut amicis aptus! ut acer!'
Plures annabunt thunni, et cetaria crescent.

Id.

IV.

Centuriae seniorum agitant expertia frugis,
Celsi praetereunt austera poëmata Rhamnes:
Omne tulit punctum, qui miscuit utile dulci
Lectorem delectando pariterque monendo;
Hic meret aera liber Sosiis; hic et mare transit
Et longum noto scriptori prorogat aevum.
Sunt delicta tamen, quibus ignovisse velimus;
Nam neque chorda sonum reddit, quem vult manus et mens,
Poscentique gravem persaepe remittit acutum;
Nec semper feriet quodcunque minabitur arcus.
Verum ubi plura nitent in carmine, non ego paucis
Offendar maculis, quas aut incuria fudit
Aut humana parum cavit natura.

Id.

2. (*a*) Nec *sic* incipies ut scriptor *cyclicus* olim.

Explain fully *sic* and *cyclicus*.

(*b*) Perditur haec inter misero lux non sine votis. What is meant by *haec*? What are the *votis*? Notice any grammatical peculiarity.

3. (*a*) 'The piratic laurel was fairly won.' Give an account of the event to which this applies.

(*b*) Sketch the carcer of Mithridates in his relations with Rome.

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(*c*) What are the dates of the seven consulships of Marius? Mention an incident in each.

(*d*) 'When will Rome again find so good a citizen'? On what occasion and of whom were these words used? What was his political career?

4. (*a*) Conjugate the Latin verbs with which the following English words are connected:—parent, reversion, fiction, emanate, cubit, congested, passion.

(*b*) What is the difference between *cum* and *quando*; *quisque, quisquam* and *quisquis*; *persuasit mihi ut te occiderem* and *persuasit mihi te occidere*?

(*c*) What are the principal rules for turning a speech into *oratio obliqua*?

5. Write out the following into *orat. obl.*:—

Ita locutus fertur, 'Hic vincendum aut moriendum, milites ubi primum hosti occurristis: et eadem fortuna quae necessitatem pugnandi imposuit praemia vobis ea victoribus proponit, quibus ampliora ne ab diis quidem homines optare solent. Dempto hoc uno fulgore nominis Romani, quid est cur illi vobis comparandi sint.'

GREEK.

Examiner—W. KENNEDY, F.T.C.D.

(*For* PROFESSOR THOMPSON).

1. Translate into English:—

I.

Ὣς φάτο, τοῖσι δὲ θυμὸν ἐνὶ στήθεσσιν ὄρινεν
πᾶσι μετὰ πληθὺν, ὅσοι οὐ βουλῆς ἐπάκουσαν.
κινήθη δ' ἀγορὴ φὴ κύματα μακρὰ θαλάσσης,
πόντου Ἰκαριοῖο, τὰ μέν τ' Εὖρός τε Νότος τε
ὄρορ' ἐπαΐξας πατρὸς Διὸς ἐκ νεφελάων.
ὡς δ' ὅτε κινήσῃ Ζέφυρος βαθὺ λήϊον ἐλθὼν,
λάβρος ἐπαιγίζων, ἐπί τ' ἠμύει ἀσταχύεσσιν,
ὣς τῶν πᾶσ' ἀγορὴ κινήθη. τοὶ δ' ἀλαλητῷ
νῆας ἔπ' ἐσσεύοντο, ποδῶν δ' ὑπένερθε κονίη

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ἵστατ' ἀειρομένη· τοὶ δ' ἀλλήλοισι κέλευον
ἅπτεσθαι νηῶν ἠδ' ἐλκέμεν εἰς ἅλα δῖαν,
οὐρούς τ' ἐξεκάθαιρον· ἀϋτὴ δ' οὐρανόν ἷκεν
οἰκαδε ἰεμένων· ὑπὸ δ' ῥῆγνυντο ἕρματα νηῶν.

HOMER, *Iliad.*

II.

Ὣς ἐφάμην, ὁ δέ μ' οἰμώξας ἠμείβετο μύθῳ·
"ὦ πόποι, ἦ μάλα δή με παλαίφατα θέσφαθ' ἱκάνει.
ἔσκε τις ἐνθάδε μάντις ἀνὴρ ἠύς τε μέγας τε,
Τήλεμος Εὐρυμίδης, ὃς μαντοσύνῃ ἐκέκαστο
καὶ μαντευόμενος κατεγήρα Κυκλώπεσσιν.
ὅς μοι ἔφη τάδε πάντα τελευτήσεσθαι ὀπίσσω,
χειρῶν ἐξ Ὀδυσῆος ἀμαρτήσεσθαι ὀπωπῆς.
ἀλλ' αἰεί τινα φῶτα μέγαν καὶ καλὸν ἐδέγμην
ἐνθάδ' ἐλεύσεσθαι μεγάλην ἐπιειμένον ἀλκήν·
νῦν δέ μ' ἐὼν ὀλίγος τε καὶ οὐτιδανὸς καὶ ἄκικυς
ὀφθαλμοῦ ἀλάωσεν, ἐπεί μ' ἐδαμάσσατο οἴνῳ.
ἀλλ' ἄγε δεῦρ', Ὀδυσεῦ, ἵνα τοι πὰρ ξείνια θείω
πομπήν τ' ὀτρύνω δόμεναι κλυτὸν ἐννοσίγαιον·
τοῦ γὰρ ἐγὼ παῖς εἰμί, πατὴρ δ' ἐμός εὔχεται εἶναι·
αὐτὸς δ', αἴ κ' ἐθέλῃσ', ἰήσεται, οὐδέ τις ἄλλος
οὔτε θεῶν μακάρων οὔτε θνητῶν ἀνθρώπων."

HOMER, *Odyssey.*

III.

"Πῶς γὰρ οἴεσθ'" ἔφην "ὦ ἄνδρες Μεσσήνιοι, δυσχερῶς ἀκούειν Ὀλυνθίους, εἴ τίς τι λέγοι κατὰ Φιλίππου κατ' ἐκείνους τοὺς χρόνους, ὅτ' Ἀνθεμοῦντα μὲν αὐτοῖς ἀφίει, οὗ πάντες οἱ πρότερον Μακεδονίας βασιλεῖς ἀντεποιοῦντο, Ποτείδαιαν δ' ἐδίδου τοὺς Ἀθηναίων ἀποίκους ἐκβάλλων, καὶ τὴν μὲν ἔχθραν τὴν πρὸς ἡμᾶς αὐτὸς ἀνῄρητο, τὴν χώραν δ' ἐκείνοις ἐδεδώκει καρποῦσθαι; ἆρα προσδοκᾶν αὐτοὺς τοιαῦτα πείσεσθαι, ἢ λέγοντος ἄν τινος πιστεῦσαι οἴεσθε; ἀλλ' ὅμως" ἔφην ἐγώ, "μικρὸν χρόνον τὴν ἀλλοτρίαν καρπωσάμενοι, πολὺν τῆς ἑαυτῶν ὑπ' ἐκείνου στέρονται, αἰσχρῶς ἐκπεσόντες, οὐ κρατηθέντες μόνον, ἀλλὰ καὶ προδοθέντες ὑπ' ἀλλήλων καὶ πραθέντες· οὐ γὰρ ἀσφαλεῖς ταῖς πολιτείαις αἱ πρὸς τοὺς τυράννους αὗται λίαν ὁμιλίαι."—DEMOSTHENES, *Philippics.*

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IV.

τοσοῦτον γὰρ ἡ πόλις ἡμῶν διέφερεν, ὅτ' ἦν ἀκέραιος, ὥστ' ἀνάστατος γενομένη πλείους μὲν συνεβάλετο τριήρεις εἰς τὸν κίνδυνον τὸν ὑπὲρ τῆς Ἑλλάδος ἢ σύμπαντες οἱ ναυμαχήσαντες, οὐδεὶς δὲ πρὸς ἡμᾶς οὕτως ἔχει δυσμενῶς, ὅστις οὐκ ἂν ὁμολογήσειε διὰ μὲν τὴν ναυμαχίαν ἡμᾶς τῷ πολέμῳ κρατῆσαι, ταύτης δὲ τὴν πόλιν αἰτίαν γενέσθαι. καίτοι μελλούσης στρατείας ἐπὶ τοὺς βαρβάρους ἔσεσθαί τίνας χρὴ τὴν ἡγεμονίαν ἔχειν; οὐ τοὺς ἐν τῷ προτέρῳ πολέμῳ μάλιστ' εὐδοκιμήσαντας, καὶ πολλάκις μὲν ἰδίᾳ προκινδυνεύσαντας, ἐν δὲ τοῖς κοινοῖς τῶν ἀγώνων ἀριστείων ἀξιωθέντας; οὐ τοὺς τὴν αὑτῶν ἐκλιπόντας ὑπὲρ τῆς τῶν ἄλλων σωτηρίας, καὶ τό τε παλαιὸν οἰκιστὰς τῶν πλείστων πόλεων γενομένους, καὶ πάλιν αὐτὰς ἐκ τῶν μεγίστων συμφορῶν διασώσαντας; πῶς δ' οὐκ ἂν δεινὰ πάθοιμεν, εἰ τῶν κακῶν πλεῖστον μέρος μετασχόντες ἐν ταῖς τιμαῖς ἔλαττον ἔχειν ἀξιωθεῖμεν καὶ τότε προταχθέντες ὑπὲρ ἁπάντων νῦν ἑτέροις ἀκολουθεῖν ἀναγκασθεῖμεν;—Isocrates, *Panegyricus.*

V.

Unprescribed Passage.

Ὦ ἄνδρες στρατιῶται, ἐγὼ χρήματα μὲν οὐκ ἔχων ἦκω· ἐὰν μέντοι θεὸς ἐθέλῃ καὶ ὑμεῖς συμπροθυμῆσθε, πειράσομαι τὰ ἐπιτήδεια ὑμῖν ὡς πλεῖστα πορίζειν. εὖ δ' ἴστε, ἐγὼ ὅταν ὑμῶν ἄρχω, εὔχομαί τε οὐδὲν ἧττον ζῆν ὑμᾶς ἢ καὶ ἐμαυτόν, τά τ' ἐπιτήδεια θαυμάσαιτε μὲν ἂν ἴσως, εἰ φαίην βούλεσθαι ὑμᾶς μᾶλλον ἢ ἐμὲ ἔχειν· ἐγὼ δὲ νὴ τοὺς θεοὺς καὶ δεξαίμην ἂν αὐτὸς μᾶλλον δύο ἡμέρας ἄσιτος ἢ ὑμᾶς μίαν γενέσθαι· ἥ γε μὴν θύρα ἡ ἐμὴ ἀνέῳκτο μὲν δήπου καὶ πρόσθεν τῷ δεομένῳ τι ἐμοῦ, ἀνεῳξεται δὲ καὶ νῦν. ὥστε ὅταν ὑμεῖς πλήρη ἔχητε τὰ ἐπιτήδεια, τότε καὶ ἐμὲ ὄψεσθε ἀφθονώτερον διαιτώμενον· ἢν δὲ ἀνεχόμενόν με ὁρᾶτε καὶ ψύχη καὶ θάλπη καὶ ἀγρυπνίαν, οἴεσθε καὶ ὑμεῖς ταῦτα πάντα καρτερεῖν. οὐδὲν γὰρ ἐχὼ τούτων κελεύω ὑμᾶς ποιεῖν ἵνα ἀνιᾶσθε, ἀλλ' ἵνα ἐκ τούτων ἀγαθόν τι λαμβάνητε.—Xenophon, *Hellenics.*

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GREEK.

Examiner—W. KENNEDY, F.T.C.D.

(*For* PROFESSOR THOMPSON.)

HISTORY, 560–322 B.C.

1. Mention important events which took place in the following years B.C.:—480, 440, 429, 411, 362, 322.

2. Where were Tanagra, Sphacteria, Cunaxa, Leuctra, Stagira, Arbela? For what was each memorable?

3. Write short notices of any *two* of the following:—Aeschylus, Phidias, Alcibiades, Timoleon, Phocion.

GRAMMAR.

4. Write down the accusative singular of—*θάλασσα, σῶμα, ψῆφος, γένος, γίγας, γέρας, θρίξ, Πνύξ, οὖς, ὁδούς.*

5. When are dissyllabic verbs in *εω* (*e.g. πλέω*) contracted?

6. Give instances of the *temporal* augment.

7. Write a note on the so-called *Attic* reduplication.

8. Write out the usual forms for the imperfect of *εἶμι, go.*

9. Give the first person singular of the future indicative active of—*ἀγγέλλω, αἱρέω, αἴρω, ἀρέσκω, διδάσκω, ἔχω, κλάζω, σβέννυμι.*

10. When are verbs in the singular number found with plural nominatives?

11. What distinction is drawn between the Homeric use of the optative in final clauses, and that of the subjunctive?

COMPOSITION.

12. Translate into Greek prose the following:—

The expedition of Cyrus, and the subsequent retreat of the ten thousand Greeks, had shown how easy it was for a handful of resolute and well-disciplined men to penetrate

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into the very heart of an empire thus weakened by disunion, and composed for the most part of an unwarlike population, and we are not therefore surprised at the confidence with which Alexander set out upon his expedition. Before he departed he distributed most of the crown property among his friends, and when Perdiccas asked him what he had reserved for himself, he replied, 'my hopes.'

FRENCH.

Examiner—PROFESSOR STEINBERGER.

COMPOSITION.

Translate into French :—

It was the twenty-eighth of July. The sun had just set: the evening sermon in the Cathedral was over; and the heart-broken congregation had separated, when the sentinels on the tower saw the sails of three vessels coming up the Foyle. Soon there was a stir in the Irish camp. The besiegers were on the alert for miles along both shores. The ships were in extreme peril, for the river was low, and the only navigable channel ran very near to the left bank, where the headquarters of the enemy had been fixed, and where the batteries were most numerous. Leake performed his duty with a skill and spirit worthy of his noble profession, exposed his frigate to cover the merchantmen, and used his guns with great effect. At length the little squadron came to the place of peril. Then the Mountjoy took the lead.—MACAULAY, *History of England*, ch. xii.

GRAMMAR.

1. Construct, in French, three sentences to show the use of the present subjunctive of—*valoir*, *appeler*, *acquérir*.

2. When do you render 'it is true' by *il est vrai*, and when by *c'est vrai* ?

3. Show, by five examples, when *what* should be translated by *ce que*, *ce qui*, *qu'est-ce qui*, *quel*, *qu'est-ce que*.

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4. In how many ways can you translate the sentence?—This tower is a hundred and twenty feet high. Translate also—He is three inches taller than I; an army twenty thousand men strong; twenty metres by six.

5. Distinguish between *ignorer* and *to ignore*; *distraire* and *to distract*; *supplier* and *to supply*; *desservir* and *to deserve*; *ménager* and *to manage*.

AUTHORS.

1. Describe the scene in *Les Plaideurs* between the countess and Chicaneau at Dandin's door.

Translate into English:—

Quatrième Citoyen. Marat vaut bien Robespierre, je pense.
Sixième Citoyen. Robespierre est un pur.
Quatrième Citoyen. Oui; mais c'est un savant;
Et puis il est toujours mis comme un ci-devant.
On comprend mieux Marat; il a l'air d'un des nôtres;
Il est en carmagnole aussi bien que nous autres.

ORAL EXAMINATION.

GERMAN.

Examiner—PROFESSOR STEINBERGER.

COMPOSITION.

Translate into German:—

When Phocion was condemned to death, one of his friends asked him if he had no message for his son. 'Tell him,' replied he, 'that I forbid him to remember the injustice done to his father.'

We have been waiting since twelve o'clock at the station for the return of our friends; as it is now ten to one, they must be hungry.

Since we had so much snow last night, we prefer to travel neither on horseback nor on foot, but by train; (*for*) we do not feel inclined for a long journey.

Have you heard what became of the soldiers that went to Egypt in order to rescue General Gordon?

The whole English nation has awaited with glad hopes the happy return of their brave heroes.

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Grammar.

1. Ueberzeugen, umbringen, einholen, veranlaſſen, unterweiſen, durchbringen. State (*a*) the meaning, (*b*) the preterite, (*c*) the participle past of these six verbs.

2. Distinguish between the following plural nouns:—

(*a*) die Gläubigen, die Gläubiger; (*b*) die Thaler, die Thäler, die Thale; (*c*) die Bänke, die Banken; (*d*) die Lande, die Länder; (*e*) die Worte, die Wörter.

3. What is the German for *as far as*, or *until*—(*a*) before expressions of time or place, *e. g.* as far as here, until nine o'clock; (*b*) before nouns, *e. g.* as far as the door, until my death; (*c*) when used as conjunctions before verbs, *e. g.* as far as you are able, until I come back?

4. How should you express in German—(*a*) by dint of talking; (*b*) instead of replying, (*c*) without waiting, (*d*) in turning round, (*e*) after sitting an hour, (*f*) before going to bed?

5. Distinguish between—(*a*) wenn er kam, (*b*) als er kam, and (*c*) wenn er käme.

Authors.

1. Sketch briefly the relation of Bolz to Professor Ollendorff.

Translate the following lines of Schiller:

(*a*) Bei dieſem Licht, das uns zuerſt begrüßt
Von allen Völkern, die tief unter uns
Schwer athmend wohnen in dem Qualm der Städte,
Laßt uns den Eid des neuen Bundes ſchwören.

(*b*) Ihm gehört das Weite.
Was ſein Pfeil erreicht,
Das iſt ſeine Beute,
Was da kreucht und fleucht.

(*c*) Rebellen ſeid ihr alle gegen Kaiſers
Gericht und nährt verwegene Empörung.

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ENGLISH.

Examiner—PROFESSOR TRENCH.

1. Describe the last scene in *The Tempest.*

2. At about what date was *Richard II.* written? What English history had Shakespeare read?

3. State briefly Dryden's views on the parallel between poetry and painting.

4. Give a sketch of one of Swift's essays; and write a note on Dr. Johnson's prose style as seen in the essays.

5. (*a*) 'In courts and palaces he also reigns,
And in luxurious cities, where the noise
Of riot ascends.'

Who is this?

(*b*) Who is 'the least erected Spirit that fell from Heaven'?

(*c*) 'I come to pluck your berries harsh and crude,
And with forced fingers rude
Shatter your leaves before the mellowing year.'

What does this mean?

ESSAY.

Write a short essay either on

'The character of Shakespeare's King Richard II.;'

or on

'Favourite Books.'

CELTIC.

Examiner—JOHN MAC NEILL, B.A.

GRAMMAR.

1. Explain briefly the difference between the verbs tá and ir (*a*) in meaning, (*b*) in syntax. Illustrate by examples.

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2. Write out the complete *passive* conjugation of the regular verb leag (= 'knock down'), omitting the pronouns, and giving only one form for each tense.

3. Decline, in the singular number, the nouns éire, carra, rice, lacha, cú, mí, bó, and caora.

Composition.

4. Translate freely into Irish :—

He occupied a small piece of land of his own, besides which he rented a considerable deal more. His wife milked his cows, managed his dairy, and followed the market with butter and eggs. The hogs fell chiefly to his care; which he carefully waited on at home, and attended to fairs; on which occasion he was liable to many jokes, his own size being, with much ale, rendered little inferior to that of the cattle he sold.

Translation at Sight.

5. Cia hé an ceannaighe nach rmuaineann go dúthrachtach agus go minic ar ghnóthaighibh na ceannaighthe? Cia aige a bhuil cúis dhighidh, agus nach mbreathnuighean ina aigneadh go laethamhail an chligh re' mbéara bhaidh? Agus ní go héadtrom ná go luaith-bheartach do ghní ré ro, acht go dúthrachtach airneach dhoghrairneach, agus ag cur gach chligh dá bhragann i ngnísom. Cia hé an thoghthrach nach rmuaineann go dúthrachtach agus go minic d'oighthe agus do ló ar ghnóthaighibh a theaghlaigh?

Prescribed Translation.

6. D'innis ré dhi cad chug é, agus adhbhairt rire leis nár b'é an ceudh duine é chuidh ar thórmaighthe Laoigh na bó béilbheirge, agus gach aon dhuine d'á ndeaghaidh gur b'in a raibh d'á bárr aige, é féin do chur i n-umar na hamailéire, agus gan teacht ar go deó. 'Agus,' ar rire, 'is amhlaidh bhíonn an laogh-rean ag feinm

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an ḋeóil ir binne ḃ'á gcualċar riaṁ i n-Oileán an Uaignir ḋo'n ḃó ḃéilḋeirg, agur mura mbeaḋ an ceól-ran ḋo ḟlugṙaḋ rí an ḋoṁan.'—*Sgeulaidheacht Chúige Mumhan.*

7. Aḋċ acá ní ḋeana, ḋo ḋuaiḃ ḋoiġ éaḋa a n-Aoire ḋe rin, agur cuġ ruaċ agur ríor-ṁiorcair ḋo ḋloinn a reaċar, agur ḋo léiġ ġalar bréiġe ḋá h-ionnraiġe, go raiḃ bunaḋar bliaḋna 'ra ngalar rin, agur ir eaḃ ḋo rinne iar rin, meaḃail ġráinna agur rionġal éaḋṁar ionḋúṫraċcaċ ḋo ḋéanaṁ ar ḋloinn Lir.—*Oidhe Chloinne Lir.*

8. Ġiḋeaḃ ní ríринneaċ ceuḋruiḃ na muinncire aḋeir gur ab a gcionn ḋá ḃliaḋain ar ṁíle ḋéir ḋílinne cáiniġ Parṫolón a n-Éirinn, agur iaḃ aġ a aḋṁáil gor ab a n-aimrir Abraham cáiniġ innce, agur gur ab é Abraham aṁáin an c-oċtṁaḃ glún ó Sheiṁ ṁac Noe, agur Seiṁ féin ḃ'áirioṁ. Óir ní corṁuil go gcaiṫfiḋe cuillioḃ agur míle bliaḋain re linn reaċt nglún ḋéir na ḋílinne.—*Foras Feasa ar Éirinn.*

9. (*a*) An cé ḃíor ollaṁ ḋo ġnáṫ, ní féiḋir faill ḃ'faġáil air go bráṫ.

(*b*) Céiḃ gaḃ glóir faoġalca ar ceal uainn i n-aimrir an euga.

(*c*) An uair ċuirear na póġairi amaċ, ciocfaiḃ ḃuine macánta ar a ċuiḃ féin.

(*d*) Acá an c-airgeaḃ gann aige.

(*e*) Ḋul i n-aoir, ḋul i n-olcar.

(*f*) Ní 'l cáḃaċt aige ann a nḋeunra ḋuine ar biṫ leir.—*Irish Phrase-Book and Irish Idioms.*

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SCIENCE SCHOLARSHIP OF THE FIRST YEAR.

ARITHMETIC AND ALGEBRA.

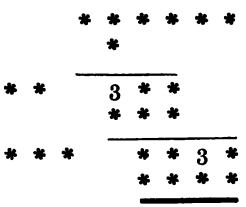
(Arts, Medicine, and Engineering.)

Examiner—PROFESSOR A. C. DIXON.

1. Find, to the nearest penny, the present worth of £385 14*s.* 2*d.* due 3 years hence, reckoning compound interest at 3½ per cent.

2. A piece of work can be done by 5 men and 10 women in 8 days, or by 16 men and 4 women in 5 days. How long would it take 8 men and 8 women?

3. Fill up the blanks in the following square root sum :—



4. A man invested £2271 partly in the 2¾ per cents. at 91 and partly in 4½ per cent. Stock at 127. His income from the investment is £75 5*s.* a year. How much of each did he buy?

5. Find the H. C. F. of

$$x^3 + a^2(b-1)x - a^3b, \quad \text{and} \quad x^3 + (b^2 - a)x^2 - a^2b^2.$$

6. Find expressions for A, B in terms of a, b such that $x^5 + Ax + B$ shall be divisible by $x^2 + ax + b$.

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7. Solve the equations

$$(b-c)x + (c-a)y + (a-b)z = 0,$$

$$(b-c)yz + (c-a)zx + (a-b)xy = 0,$$

$$\frac{x}{a} + \frac{y}{b} + \frac{z}{c} = 1.$$

8. Divide 284 into three parts such that their products in pairs shall be proportional to 3, 5, 7.

9. There are n arithmetical progressions each of which begins with 1. The common differences are 1, 2, 3, . . . n, respectively. Find the sum of their m^{th} terms.

10. If $c_0 + c_1x + c_2x^2 + \ldots$ is the expansion of $(1 + x)^n$ find the value of $c_0c_3 + c_1c_4 + \ldots + c_{n-3}c_n$.

GEOMETRY AND TRIGONOMETRY.

Examiner—PROFESSOR A. C. DIXON.

1. Given the base of a triangle, its perimeter and its vertical angle: construct it.

2. AB is a diameter of a circle, P any point on the circumference. A line perpendicular to AB meets AB, AP, BP, and the circumference in C, D, F, E, respectively, Show that CE is a mean proportional to CD, CF.

3. Given two intersecting straight lines OA, OB, and a point C not on either of them. Through C draw a straight line, so that the part of it intercepted between OA, OB may be divided at C in the ratio of two given straight lines.

4. Prove that the area of any triangle is less than half that of its circumscribed circle.

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5. From a given point perpendiculars are drawn to chords of a given circle, which subtend a right angle at that point. Prove that the locus of the feet of these perpendiculars is a circle.

6. Find the value of $\cot 6\theta$ in terms of $\cot \theta$.

7. Reduce

$$\begin{aligned}&2 \cos(\beta - \gamma) \cos(\theta + \beta) \cos(\theta + \gamma)\\ &\quad + 2 \cos(\gamma - \alpha) \cos(\theta + \gamma) \cos(\theta + \alpha)\\ &\quad + 2 \cos(\alpha - \beta) \cos(\theta + \alpha) \cos(\theta + \beta)\\ &\quad - \cos 2(\theta + \alpha) - \cos 2(\theta + \beta) - \cos 2(\theta + \gamma) - 1\end{aligned}$$

to a single term, and show that it is independent of θ.

8. Calculate the value of

$$\begin{aligned}&\sin 5^\circ + \sin 15^\circ \cos 20^\circ + \sin 25^\circ \cos 60^\circ + \sin 35^\circ \cos 120^\circ\\ &\quad + \sin 45^\circ \cos 200^\circ + \sin 55^\circ \cos 300^\circ.\end{aligned}$$

9. Prove that in any triangle

(1) $$\cot \frac{A}{2} + \cot \frac{B}{2} + \cot \frac{C}{2} = \cot \frac{A}{2} \cot \frac{B}{2} \cot \frac{C}{2},$$

(2) $$b \cos \tfrac{1}{2}(C - A) = (c + a) \sin \tfrac{1}{2} B.$$

10. From a point within a triangle ABC, perpendiculars α, β, γ are drawn to the sides. Prove that

$$\alpha \sin A + \beta \sin B + \gamma \sin C = a \sin B \sin C.$$

For Engineering Candidates only.

11. Solve a triangle in which

$$a = 5{\cdot}734, \quad b = 3{\cdot}821, \quad A = 133^\circ\, 29'.$$

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LITERARY SCHOLARSHIP OF THE SECOND YEAR.

LATIN.

First Paper.

Examiner—Professor Sandford.

1. Translate, with brief notes:—

I.

De grege non ausim quidquam deponere tecum :
Est mihi namque domi pater, est injusta noverca;
Bisque die numerant ambo pecus, alter et haedos.
Verum id quod multo tute ipse fatebere maius,
(Insanire libet quoniam tibi), pocula ponam
Fagina, caelatum divini opus Alcimedontis;
Lenta quibus torno facili superaddita vitis
Diffusos hedera vestit pallente corymbos.
In medio duo signa : Conon ; et, quis fuit alter,
Descripsit radio totum qui gentibus orbem ;
Tempora quæ messor, quæ curvus arator haberet ?
Necdum illis labra admovi, sed condita servo.

Virgil.

II.

At quae pinguis humus, dulcique uligine laeta,
Quique frequens herbis et fertilis ubere campus,
Qualem sæpe cava montis convalle solemus
Despicere : huc summis liquuntur rupibus amnes,
Felicemque trahunt limum ; quique editus Austro,
Et filicem curvis invisam pascit aratris ;
Hic tibi praevalidas olim multoque fluentes
Sufficiet Baccho vites; hic fertilis uvae,
Hic laticis; qualem pateris libamus et auro,
Inflavit quum pinguis ebur Tyrrhenus ad aras,
Lancibus et pandis fumantia reddimus exta. *Id.*

III.

Integer est mentis Damasippi creditor ? Esto.
'Accipe quod numquam reddas mihi' si tibi dicam :
Tune insanus eris si acceperis, an magis excors
Reiecta praeda, quam praesens Mercurius fert ?

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Scribe decem a Nerio : non est satis ; adde Cicutae
Nodosi tabulas centum, mille adde catenas ;
Effugiet tamen haec sceleratus vincula Proteus.
Cum rapies in ius malis ridentem alienis,
Fiet aper, modo avis, modo saxum et, cum volet, arbor.
Si male rem gerere insanist, contra bene, sani :
Putidius multo cerebrumst, mihi crede, Perilli
Dictantis, quod tu numquam rescribere possis.

HORACE

IV.

At non ter aevo functus amabilem
Ploravit omnes Antilochum senex
Annos, nec inpubem parentes
Troilon aut Phrygiae sorores
Flevere semper. Desine mollium
Tandem querellarum, et potius nova
Cantemus Augusti tropaea
Caesaris et rigidum Niphaten,
Medumque flumen gentibus additum
Victis minores volvere vertices,
Intraque praescriptum Gelonos
Exiguis equitare campis.

Id.

2. (*a*) Non ego pauperum
Sanguis parentum, non ego quem vocas
Dilecte Maecenas, obibo.

Translate and explain. Name the metre.

(*b*) What Greek constructions can you adduce from Horace, *Odes*, Book ii. ?

(*c*) Hoc erat in votis. What ?

(*d*) Age libertate Decembri . . . utere, narra.

Explain. What is the gist of the satire in which these words occur ?

(*e*) haec (Italia) genus acre virum . . . extulit.

What heroes does Virgil name as instances ?

(*f*) Who was Varus ? What eclogue is dedicated to him ?

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3. (*a*) Describe the subjugation and administration of Spain by the Romans.

What was the Baebian law?

(*b*) On what occasion, and on whom, was a grass wreath bestowed in the Second Punic War?

(*c*) What does Mommsen call 'one of the boldest and most fortunate *coups de main* that are known in history?

(*d*) What was the 'unprecedently bold experiment' made by Hannibal in 217 B.C.?

(*e*) There appear two literary circles in the time of Augustus. Name some of the leading members of each.

(*f*) One literary work of Augustus himself is extant. Give an account of this.

(*g*) What other poet died in the same year as Virgil? Give a critical account of his writings.

LATIN.

Second Paper.

Examiner—Professor Sandford.

1. Translate, with brief notes:—

I.

Orsus ab inita primum Romanis amicitia cum Graecorum gente, et imperatorum qui ante se in Macedonia fuissent suisque rebus gestis. Omnia cum approbatione ingenti sunt audita, praeterquam cum ad mentionem Nabidis ventum esset: id minime conveniens liberanti Graeciam videbatur, tyrannum reliquisse non suae solum patriae gravem, sed omnibus circa civitatibus metuendum, haerentem visceribus nobilissimae civitatis.

Nec ignarus huius habitus animorum Quinctius, si sine excidio Lacedaemonis fieri potuisset, fatebatur, pacis cum tyranno mentionem admittendam auribus non fuisse: nunc cum aliter quam ruina gravissima civitatis opprimi non posset, satius, visum esse tyrannum debilitatum, ac totis prope viribus ad nocendum cuiquam ademptis, relinqui, quam intermori vehementioribus quam quae pati possit remediis civitatem sinere, in ipsa vindicta libertatis perituram.—Livy.

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II.

Atque hoc, iudices, ex hac frequentia colonorum, honestissimorum hominum, intelligere potestis, qui adsunt, laborant: hunc patronum, defensorem, custodem illius coloniae si in omni fortuna atque in omni honore incolumem habere non potuerunt, in hoc tamen casu, in quo adflictus iacet, per vos iuvari conservarique cupiunt. Adsunt pari studio Pompeiani, qui ab istis etiam in crimen vocantur: qui ita de ambulatione ac de suffragiis suis cum colonis dissenserunt, ut idem de communi salute sentirent. Ac ne haec quidem P. Sullae mihi videtur silentio praetereunda esse virtus, quod, quum ab hoc illa colonia deducta sit, et quum commoda colonorum a fortunis Pompeianorum rei publicae fortuna diiunxerit, ita carus utrisque est atque iucundus, ut non alteros demovisse, sed utrosque constituisse videatur.—CICERO.

III.

An eandem Romanis in bello virtutem quam in pace lasciviam adesse creditis? Nostris illi dissensionibus ac discordiis clari vitia hostium in gloriam exercitus sui vertunt: quem contractum ex diversissimis gentibus ut secundae res tenent, ita adversae dissolvent: nisi si Gallos at Germanos et (pudet dictu) Britannorum plerosque, licet dominationi alienae sanguinem commodent, diutius tamen hostes quam servos, fide et adfectu teneri putatis. Metus ac terror sunt infirma vincla caritatis; quae ubi removeris, qui timere desierint, odisse incipient. Omnia victoriae incitamenta pro nobis sunt: nullae Romanos coniuges accendunt, nulli parentes fugam exprobraturi sunt; aut nulla plerisque patria aut alia est.

2. Translate into Latin :—

At this time the Governor of Libya was Sextilius, a Roman who had received neither injury nor favour from Marius, and it was expected that he would help him, at least as far as the feelings of compassion move a man. But no sooner had Marius landed with a few of his party than an officer met him, and standing right in front of him said :—'The Governor forbids you, Marius, to set foot in Libya, and he says that if you do he will support the decree of the Senate by treating you as an enemy.' On hearing this grief and indignation deprived Marius of utterance, and he was a long time silent, looking fixedly at the officer. Upon the officer asking Marius

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what reply he had for the Governor, he answered with a deep groan: 'Tell him you have seen Caius Marius, a fugitive, sitting on the ruins of Carthage.'

3. (*a*) What is Verner's extension of Grimm's Law? Illustrate by notes on *decem* and *centum*.

(*b*) The subjunctive in Latin is in form and meaning a compound word. Explain.

(*c*) Define and illustrate *Rhotacism*.

(*d*) Classify the uses of the *ablative*.

GREEK.

First Paper.

Examiner—Professor Thompson.

Prescribed Authors.

1. Translate into English :—

I.

ἀλλ' ὁπότ' ἂν δὴ νηὶ δι' Ὠκεανοῖο περήσῃς,
ἔνθ' ἀκτή τε λάχεια καὶ ἄλσεα Περσεφονείης,
μακραί τ' αἰγειροι, καὶ ἰτέαι ὠλεσίκαρποι·
νῆα μὲν αὐτοῦ κέλσαι ἐπ' Ὠκεανῷ βαθυδίνῃ,
αὐτὸς δ' εἰς Ἀΐδεω ἰέναι δόμον εὐρώεντα.
ἔνθα μὲν εἰς Ἀχέροντα Πυριφλεγέθων τε ῥέουσιν
Κώκυτός θ', ὅς δὴ Στυγὸς ὕδατός ἐστιν ἀποῤῥώξ·
πέτρη τε, ξύνεσίς τε δύω ποταμῶν ἐριδούπων·
ἔνθα δ' ἔπειθ' ἥρως, χριμφθεὶς πέλας, ὥς σε κελεύω,
βόθρον ὀρύξαι, ὅσον τε πυγούσιον ἔνθα καὶ ἔνθα·
ἀμφ' αὐτῷ δὲ χοὴν χεῖσθαι πᾶσιν νεκύεσσιν,
πρῶτα μελικρήτῳ, μετέπειτα δὲ ἡδέϊ οἴνῳ,
τὸ τρίτον αὖθ' ὕδατι· ἐπὶ δ' ἄλφιτα λευκὰ παλύνειν.

Homer, *Odyssey*.

II.

σὺ μὲν τὰ νέρθεν εὐτρεπῆ ποιοῦ, γύναι·
ἐγὼ δὲ σ', ᾧ Ζεῦ, χεῖρ' ἐς οὐρανὸν δικὼν
αὐδῶ, τέκνοισιν εἴ τι τοισίδ' ὠφελεῖν
μέλλεις, ἀμύνειν, ὡς τάχ' οὐδὲν ἀρκέσεις.

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καίτοι κέκλησαι πολλάκις· μάτην πονῶ·
θανεῖν γάρ, ὡς ἔοικ', ἀναγκαίως ἔχει.
ἀλλ', ὦ γέροντες, μικρὰ μὲν τὰ τοῦ βίου·
τοῦτον δ' ὅπως ἥδιστα διαπεράσετε,
ἐξ ἡμέρας εἰς νύκτα μὴ λυπούμενοι.
ὡς ἐλπίδας μὲν ὁ χρόνος οὐκ ἐπίσταται
σώζειν, τὸ δ' αὐτοῦ σπουδάσας διέπτατο.
ὁρᾶτέ μ' ὅσπερ ἦν περίβλεπτος βροτοῖς
ὀνομαστὰ πράσσων, καί μ' ἀφείλεθ' ἡ τύχη
ὥσπερ πτερὸν πρὸς αἰθέρ' ἡμέρᾳ μιᾷ.

EURIPIDES, *Hercules Furens.*

III.

εἰ δέ τις ὑμῶν, ὦ ἄνδρες Ἀθηναῖοι, τὸν Φίλιππον εὐτυχοῦντα ὁρῶν ταύτῃ φοβερὸν προσπολεμῆσαι νομίζει, σώφρονος μὲν ἀνθρώπου λογισμῷ χρῆται· μεγάλη γὰρ ῥοπὴ, μᾶλλον δὲ ὅλον ἡ τύχη παρὰ πάντ' ἐστὶ τὰ τῶν ἀνθρώπων πράγματα· οὐ μὴν ἀλλ' ἔγωγε, εἴ τις αἵρεσίν μοι δοίη, τὴν τῆς ἡμετέρας πόλεως τύχην ἂν ἑλοίμην, ἐθελόντων ἃ προσήκει ποιεῖν ὑμῶν αὐτῶν καὶ κατὰ μικρὸν, ἢ τὴν ἐκείνου· πολὺ γὰρ πλείους ἀφορμὰς εἰς τὸ τὴν παρὰ τῶν θεῶν εὔνοιαν ἔχειν ὁρῶ ὑμῖν ἐνούσας ἢ 'κείνῳ. ἀλλ', οἶμαι, καθήμεθα οὐδὲν ποιοῦντες· οὐκ ἔνι δ' αὐτὸν ἀργοῦντα οὐδὲ τοῖς φίλοις ἐπιτάττειν ὑπὲρ αὐτοῦ τι ποιεῖν, μή τί γε δὴ τοῖς θεοῖς. οὐ δὴ θαυμαστόν ἐστιν, εἰ στρατευόμενος καὶ πονῶν ἐκεῖνος αὐτὸς καὶ παρὼν ἐφ' ἅπασι καὶ μηδένα καιρὸν μηδ' ὥραν παραλείπων ἡμῶν μελλόντων καὶ ψηφιζομένων καὶ πυνθανομένων περιγίγνεται. οὐδὲ θαυμάζω τοῦτ' ἐγώ· τοὐναντίον γὰρ ἂν ἦν θαυμαστὸν, εἰ μηδὲν ποιοῦντες ἡμεῖς ὧν τοῖς πολεμοῦσι προσήκει τοῦ πάντα ποιοῦντος ἃ δεῖ περιῆμεν.—DEMOSTHENES, *Olynthiacs.*

IV.

καὶ τόδε ἕτερον συνέπεσε γενόμενον, Δήμητρος τεμένεα Ἐλευσινίης παρὰ ἀμφοτέρας τὰς συμβολὰς εἶναι. καὶ γὰρ δὴ ἐν τῇ Πλαταιίδι παρ' αὐτὸ τὸ Δημήτριον ἐγίνετο, ὡς καὶ πρότερόν μοι εἴρηται, ἡ μάχη, καὶ ἐν Μυκάλῃ ἔμελλε ὡσαύτως ἔσεσθαι. γεγονέναι δὲ νίκην τῶν μετὰ Παυσανίεω Ἑλλήνων ὀρθῶς σφι ἡ φήμη συνέβαινε ἐλθοῦσα. τὸ μὲν γὰρ ἐν Πλαταιῇσι πρῶϊ ἔτι τῆς ἡμέρης ἐγίνετο, τὸ δὲ ἐν Μυκάλῃ περὶ δείλην. ὅτι δὲ τῆς

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αὐτῆς ἡμέρης συνέβαινε γίνεσθαι μηνός τε τοῦ αὐτοῦ, χρόνῳ οὐ πολλῷ σφι ὕστερον δῆλα ἀναμανθάνουσι ἐγένετο. ἦν δὲ ἀρρωδίη σφι πρὶν τὴν φήμην ἐσαπικέσθαι, οὕτι περὶ σφέων αὐτῶν οὕτω ὡς τῶν Ἑλλήνων, μὴ περὶ Μαρδονίῳ πταίσῃ ἡ Ἑλλάς. ὡς μέντοι ἡ κληδὼν αὕτη σφι ἐσέπτατο, μᾶλλόν τι καὶ ταχύτερον τὴν πρόσοδον ἐποιεῦντο.—HERODOTUS.

V.

ἅτε οὖν ἡ ψυχὴ ἀθάνατός τε οὖσα καὶ πολλάκις γεγονυῖα, καὶ ἑωρακυῖα καὶ τὰ ἐνθάδε καὶ τὰ ἐν Ἅιδου καὶ πάντα χρήματα, οὐκ ἔστιν ὅ τι οὐ μεμάθηκεν· ὥστε οὐδὲν θαυμαστὸν καὶ περὶ ἀρετῆς καὶ περὶ ἄλλων οἷόν τε εἶναι αὐτὴν ἀναμνησθῆναι, ἅ γε καὶ πρότερον ἠπίστατο. ἅτε γὰρ τῆς φύσεως ἁπάσης συγγενοῦς οὔσης, καὶ μεμαθηκυίας τῆς ψυχῆς ἅπαντα, οὐδὲν κωλύει ἓν μόνον ἀναμνησθέντα, ὃ δὴ μάθησιν καλοῦσιν ἄνθρωποι, τἆλλα πάντα αὐτὸν ἀνευρεῖν, ἐάν τις ἀνδρεῖος ᾖ καὶ μὴ ἀποκάμνῃ ζητῶν· τὸ γὰρ ζητεῖν ἄρα καὶ τὸ μανθάνειν ἀνάμνησις ὅλον ἐστίν. οὔκουν δεῖ πείθεσθαι τούτῳ τῷ ἐριστικῷ λόγῳ· οὔτος μὲν γὰρ ἂν ἡμᾶς ἀργοὺς ποιήσειε καὶ ἔστι τοῖς μαλακοῖς τῶν ἀνθρώπων ἡδὺς ἀκοῦσαι, ὅδε δὲ ἐργαστικούς τε καὶ ζητητικοὺς ποιεῖ· ᾧ ἐγὼ πιστεύων ἀληθεῖ εἶναι ἐθέλω μετὰ σοῦ ζητεῖν ἀρετὴ ὅ τι ἔστιν.—PLATO, *Meno.*

Unprescribed Passage.

2. Translate into English :—

ταῦτα δέ, ὦ Κριτόβουλε, ἐγὼ διηγοῦμαι, ἔφη ὁ Σωκράτης, ὅτι τῆς γεωργίας οὐδ' οἱ πάνυ μακάριοι δύνανται ἀπέχεσθαι. ἔοικε γὰρ ἡ ἐπιμέλεια αὐτῆς εἶναι ἅμα τε ἡδυπάθειά τις καὶ οἴκου αὔξησις καὶ σωμάτων ἄσκησις εἰς τὸ δύνασθαι ὅσα ἀνδρὶ ἐλευθέρῳ προσήκει. πρῶτον μὲν γὰρ ἀφ' ὧν ζῶσιν οἱ ἄνθρωποι, ταῦτα ἡ γῆ φέρει ἐργαζομένοις, καὶ ἀφ' ὧν τοίνυν ἡδυπαθοῦσι προσεπιφέρει· ἔπειτα δὲ ὅσοις κοσμοῦσι βωμοὺς καὶ ἀγάλματα καὶ οἷς αὐτοὶ κοσμοῦνται, καὶ ταῦτα μετὰ ἡδίστων ὀσμῶν καὶ θεαμάτων παρέχει· ἔπειτα δὲ ὄψα πολλὰ τὰ μὲν φύει, τὰ δὲ τρέφει· καὶ γὰρ ἡ προβατευτικὴ τέχνη συνῆπται τῇ γεωργίᾳ, ὥστε ἔχειν καὶ θεοῖς ἐξαρέσκεσθαι θύοντας καὶ αὐτοὺς χρῆσθαι. παρέχουσα δ' ἀφθονώτατα ἀγαθὰ οὐκ ἐᾷ ταῦτα μετὰ μαλακίας λαμβάνειν, ἀλλὰ ψύχη τε χειμῶνος καὶ θάλπη θέρους ἐθίζει καρτερεῖν.—XENOPHON, *Œconomicus.*

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GREEK.

Second Paper.

Examiner—Professor D'Arcy Thompson.

History.

Name events, or circumstances, of importance that may be suggested by the following dates, B.C.:—560, 490, 480, 479, 461, 439, 431, 429.

Grammar and Philology.

1. Give primitive forms of—*ἐζεύχθην, τέτριπται, κρύβδην, ἴσμεν, ἐγκρατής, πέπεισμαι.*

2. To what extent is the dual number incomplete?

3. Give, with accent, the vocative for each of the nouns—*ἡγεμών, ἀήρ, πατήρ, δαίμων, μήτηρ, ῥήτωρ.*

4. Λαγώς is always masculine, and ἀλώπηξ is always feminine.

Render in Greek—*the doe-hare, the dog-fox.*

5. Of nouns in -ος of the second declension, such as (*a*) signify things *hollow*, and such as (*b*) are names of *earths* and *stones*, are feminine. Give two instances for each case.

6. Express, in Greek, the temporal adverbs and adverbials—*often, every time, very often, seldom.*

7. (*a*) What is the Greek name for the genitive case?

(*b*) Show how far the Greek name is appropriate.

(*c*) Is the Latin name for the case equally appropriate?

8. When is the dative of agency (*a*) sometimes used, and (*b*) always used?

9. Translate:—

(*a*) *ὁ ποταμὸς διαβατός ἐστιν.*

(*b*) *ὁ ποταμὸς διαβατέος ἐστίν.*

10. Discuss philologically the words—*ἴον, ἔαρ, οἶνος, αὐέρυσαν, ταλαύρινος, ἀλείφω, ὀλισθάνω, μάκαιρα, φαίνω, ἀργαλεός, τίκτω, σώθητι, τίθημι, ἀμφορεύς.*

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COMPOSITION.

11. Render into Greek the following :—

A private citizen, after the fight was over, when the death of Hermocrates was deeply felt even by many of his political enemies, called out to Diocles, in allusion to his having appeared in arms in the market-place, 'Ah, Diocles, you have made void your own laws!' 'Well, then,' replied he, 'I will ratify them thus'; and he instantly stabbed himself to the heart. Such a man, so sincere and so devoted, might well have been the founder of freedom to his country, and, had his life been prolonged, might have saved it from the selfish ambition of Dionysius.

FRENCH.

(*Arts, Medicine, and Engineering.*)

Examiner—PROFESSOR CADIC.

1. Translate into French :—

Next morning we left Laboré to proceed up the left bank of the Nile to Dufilé. As the preceding day had been very rainy, and a day succeeding a storm is generally very hot in Africa, I thought it best to start early. The sun had not yet risen when our caravan, consisting of two hundred soldiers with fifty porters and six camels, began its march. We met everywhere traces of the devastation caused by the storm. The river had risen four feet above its usual level, and innumerable shrubs, trees, and even cottages, were carried down by its yellow waves. Now and then the road was intersected by deep channels produced by the flood. There was but little water in these; for what had been a torrent had already dwindled down to a streamlet. When we started the tops of the hills were all capped with mist; but an hour later the sun pierced, and began to tell on our heads with terrible effect. Soon the heat became so overpowering as to stop all progress. The air was warm, and not a breath came to refresh our lungs. I ordered a halt in a wood on the summit of a hill, to wait until the rear of our column had come up. On resuming our journey I was agreeably surprised in discovering that Dufilé was but a short distance from us in the plain.—JEPHSON.

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2. Translate into English :—

JEAN, *passe au milieu.* Tout de suite. (*A part.*) Ça, c'est un marchand de vieilles ferrailles ! (*Il sort par le fond-milieu.*)

POITRINAS, *à Caboussat.* Ah ! j'oubliais... il y a un abricotier qui me gêne.

CABOUSSAT. Où ça ?

POITRINAS. Au fond... à gauche... Je vous demanderai la permission de l'abattre.

CABOUSSAT. Ah non ! permettez... Il n'y a que lui qui me donne... les abricots sont petits, mais d'un juteux...

POITRINAS. Mon cher collègue, je vous le demande au nom de la science.

CABOUSSAT. Ah ! du moment que c'est pour la science... je n'ai rien à lui refuser. (*A part.*) A elle qui me refuse tout !

POITRINAS. Merci, merci !... pour l'archéologie !... Je retourne continuer mes recherches. (*Fausse sortie.*) A propos, avez-vous parlé à votre fille du mariage ?

CABOUSSAT. Je lui en ai touché un mot...la proposition n'a pas déplu.

POITRINAS. Et le défaut, le lui avez-vous confié ?

CABOUSSAT. Pas encore...je cherche un biais.

POITRINAS. C'est horrible, n'est-ce pas ?... Je retourne là-bas... ça embaume le romain ! (*Il sort par le fond.*)

3. Which of the characters of Corneille's *Horace* is non-historical ? Why did Corneille introduce it ?

4. Write about twenty lines, in French, on some incident in Hoche's life.

5. Sketch a short biography of Corneille.

UNPRESCRIBED PASSAGE.

LES POURBOIRES SUR LE RHIN.

Le plaisir de voir toutes ces choses belles ou curieuses, musées, églises, hôtels de ville, est tempéré, il faut le dire, par la grave importunité du pourboire. Sur les bords du Rhin, comme d'ailleurs dans toutes les contrées très-visitées, le pourboire est un moustique fort importun, lequel

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revient, à chaque instant et à tout propos, piquer non votre peau mais votre bourse. Or la bourse du voyageur, cette bourse précieuse contient tout pour lui, puisque la sainte hospitalité n'est plus là pour le recevoir au seuil des maisons, avec son doux sourire et sa cordialité auguste. Voici à quel degré de puissance les intelligents naturels de ce pays ont élevé le pourboire. J'expose les faits, je n'exagère rien.—VICTOR HUGO.

GERMAN.

(*Arts, Medicine, and Engineering.*)

Examiner—PROFESSOR CADIC.

1. Translate into German :—

Not far from Bingen on the Rhine, a little below the town, there is an island in the middle of the river, where an old tower stands on a rock. This tower, called the *Mäusethurm*, is the subject of the following tradition. It is said that at the end of the tenth century a dire famine existed in Germany. In their distress the people applied to the sovereign of the district for aid. This was Hatto, Archbishop of Mayence, a rich but hard and cruel man. He invited his subjects to go into his large barn, where, as he said, some corn might still be found. But while they were looking for it, he set fire to the building, and before they saw their danger, the barn was burnt down with most of the people inside. Soon after, an army of rats collected, and moved towards his palace. The bishop fled to the island and the tower in the Rhine, thinking that here he would be safe. One night the rats swam through the river, landed on the island, climbed into the windows, cellars, and chambers of the tower, thronged into the bishop's bedroom, and after a fierce combat killed and ate the cruel prelate. From this event the tower has its present name, as people say.

2. Sketch the character of Hermann, Hermann's father, and the apothecary in Goethe's *Hermann und Dorothea*.

3. Write down, in German, any fable of Lessing or Gellert that you remember.

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4. Write a short account of the life of Gellert.

5. Translate into English :—

I.

Unendlich selig ist das Gefühl, wenn die Erscheinungswelt mit unserer Gemütswelt zusammenrinnt, und grüne Bäume, Gedanken, Vögelgesang, Wehmut, Himmelsbläue, Erinnerung und Kräuterduft sich in süßen Arabesken verschlingen. Die Frauen kennen am besten dieses Gefühl, und darum mag auch ein so holdselig ungläubiges Lächeln um ihre Lippen schweben, wenn wir mit Schulstolz unsere logischen Thaten rühmen, wie wir alles so hübsch eingeteilt in objektiv und subjektiv, wie wir unsere Köpfe apothekenartig mit tausend Schubladen versehen, wo in der einen Vernunft, in der andern Verstand, in der dritten Witz, in der vierten schlechter Witz, und in der fünften gar nichts, nämlich die Idee, enthalten ist. — Heine.

II.

In dem blut'gen Thal der Thermopylen,
Wo der Griechen freie Schaaren fielen,
Grub in Marmor ihrer Brüder Dank:
„Wandrer! sag's den kinderlosen Aeltern,
„Daß für's Vaterland auf diesen Feldern
„Sparta's kühne Heldenjugend sank!" —
Und Jahrtausende sind Staub geworden,
Jenes Marmors heil'ge Säule brach;
Doch in triumphirenden Accorden
Riefen's die Jahrhunderte sich nach.
Und erzählten, trotz dem Sturmgetöse
Ihrer Zeit, von der Heroen-Größe
Der Gefall'nen und von Sparta's Dank. —
Groß war Griechenland durch seine Helden,
Aber größer noch durch sein Vergelten,
Wenn der Bürger für die Freiheit sank.
Jenseit lohnt ein Gott mit ew'gen Strahlen,
Doch das Leben will auch seinen Glanz.
Nur mit Ird'schem kann die Erde zahlen,
Und der Oelzweig windet sich zum Kranz.

Theodor Körner.

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ENGLISH.

First Paper.

Examiner—Professor Trench.

1. In what context do the following lines occur? Describe clearly the scene that is before us, in each case:—

(*a*) 'This push
Will cheer me ever, or disseat me now.'

(*b*) 'The labour we delight in physics pain.'

(*c*) 'Let us seek out some desolate shade, and there
Weep our sad bosoms empty.'

2. In what several ways may we discover the date of a play of Shakespeare's?
Show how we know the date at which *Macbeth* was written.

3. Describe some of Gray's various metres.

4. Write an account of the Scottish poets of the eighteenth century.

5. What were Edmund Burke's contributions to literature? and Horace Walpole's? Give approximate dates.

ENGLISH.

Second Paper.

Examiner—Professor Trench.

1. 'Thus God and Nature linked the general frame,
And bade self-love and social be the same.'

Give, in your own words, the substance of Pope's argument which leads up to this.

2. What, according to Johnson, are Swift's chief qualities as a writer?

3. Explain what is meant by Humour, according to Addison.

Essay.

Write an Essay on *one* of the following subjects:—

(*a*) The views of Pope and Johnson on Happiness.

(*b*) Addison and Johnson as literary critics.

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SCIENCE SCHOLARSHIP OF THE SECOND YEAR.

MATHEMATICS.

[Arts and Engineering.]

Examiner—PROFESSOR A. C. DIXON.

1. The sum of two whole numbers is 45, and their least common multiple is 168. Find them.

2. Solve the equations

$$x + y = 4, \quad (x^2 + y^2)(x^3 + y^3) = 280.$$

3. Prove that the sum of the homogeneous products of the n^{th} degree that can be formed with a, b, c is

$$\frac{a^{n+2}}{(a-b)(a-c)} + \frac{b^{n+2}}{(b-c)(b-a)} + \frac{c^{n+2}}{(c-a)(c-b)}.$$

4. The sides of a triangle are in arithmetical progression, and the greatest angle exceeds the least by 90°. Find the ratios of the sides.

5. Prove that

$$\sin^4\frac{\pi}{7} + \sin^4\frac{2\pi}{7} + \sin^4\frac{3\pi}{7} = \frac{21}{16}.$$

6. The sides of a quadrilateral in order are a, b, c, d, and its area is Δ. Show that x, the diagonal separating the sides a, b from c, d, is a root of the equation

$$\begin{aligned} &4x^4\{(a^2+b^2-c^2-d^2)^2+16\Delta^2\} \\ &+4x^2\{(a^2+b^2-c^2-d^2)(a^2-b^2+c^2-d^2)(b^2+c^2-d^2-a^2) \\ &\qquad -16\Delta^2(a^2+b^2+c^2+d^2)\} \\ &+\{(a^2-b^2)^2-(c^2-d^2)^2\}^2+32\Delta^2\{(a^2-b^2)^2+(c^2-d^2)^2\}+256\Delta^4=0. \end{aligned}$$

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7. In a spherical triangle ABC the bisector of the angle A meets BC in P. Prove that

$$\tan AP = 2 \sin b \sin c \operatorname{cosec} (b + c) \cos \frac{A}{2}.$$

8. Find the area of an equilateral spherical triangle whose side is $\cos^{-1}(5^{-\frac{1}{2}})$.

9. Solve a spherical triangle in which

$$C = 90°, \quad a = 36°17', \quad b = 52°31'.$$

(*For Arts' Students only.*)

10. If α, β, γ are the roots of the equation

$$x^3 + px^2 + qx + r = 0,$$

form the equation whose roots are

$$\alpha^2 - \beta\gamma, \quad \beta^2 - \gamma\alpha, \quad \gamma^2 - \alpha\beta.$$

(*For Engineering Students only.*)

11. Find the radius of the circumcircle of a plane triangle ABC, in which

$$a = 57{\cdot}75, \quad b = 63{\cdot}49, \quad c = 41{\cdot}38.$$

MATHEMATICS.

Examiner—Professor A. C. Dixon.

1. The tangents at B, C to a circle ABC meet in T, and D is the middle point of BC. Show that AD, AT are equally inclined to AB, AC, respectively.

2. Perpendiculars are drawn from a point O to chords of a given circle which subtend a right angle at O. Show that the feet of these perpendiculars all lie on a fixed circle.

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3. Prove that the inverses of a system of coaxal circles, when the centre of inversion is at one of the limiting points, are concentric.

4. Show that a point equidistant from two given intersecting planes must lie on one of two fixed planes.

5. Prove that triangular pyramids of the same height and with equal bases have the same volume.

6. The vertices of a quadrilateral, in order, are the points $(a, 0)$ $(0, b)$ $(-c, 0)$ $(0, -d)$. A parallelogram is inscribed in this quadrilateral, having its sides parallel to the axes of coordinates. Find the locus of the centre of this parallelogram.

7. Tangents are drawn to the parabola $y^2 = 4cx$ from different points of the ellipse

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1.$$

Show that the locus of the middle points of the chords of contact is the curve

$$b^2(y^2 - 2cx)^2 = 4a^2c^2(b^2 - y^2).$$

8. Prove that no conjugate diameters of a central conic are at right angles except the axes.

In the case of an ellipse find what is the least acute angle between two conjugate diameters.

9. Given the focus and directrix of a parabola, construct geometrically a point P on the curve, such that the part of the normal at P between P and the axis shall be of given length.

10. Prove that the distances from an asymptote of the ends of two parallel chords of a hyperbola are reciprocally proportional.

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EXPERIMENTAL PHYSICS.

[**Arts, Medicine, and Engineering.**]

Examiner—PRESIDENT ANDERSON.

1. Define the kinetic energy of a body, and show that it is a measure of the quantity of work the body can do in virtue of its motion.

The masses in an Atwood's machine are respectively 10 and 12 grammes: find the total kinetic energy after the lapse of three seconds from the beginning of the motion.

2. Show that the pressure at a depth z in a heavy homogeneous fluid is given by $g\rho z + \pi$, where π is the atmospheric pressure.

3. Describe the weight thermometer, and show how it is used to find the coefficient of apparent expansion of a liquid.

4. What do you understand by—latent heat, thermal capacity, specific heat? Give a method of measuring the specific heat of a liquid.

5. Describe the wet-and-dry bulb hygrometer, and discuss the conditions which determine the temperature of the wet bulb.

6. A ray of light is incident almost perpendicularly upon a prism of small angle α and refractive index μ: show that the deviation produced is $(\mu - 1)\alpha$.

7. State the laws of the vibration of stretched strings. Calculate the pitch of the note emitted by a string 60 centimetres long and weighing 8 milligrammes, when stretched by a weight of 10 kilogrammes.

8. What is meant by the moment of a magnet?

Describe a method of comparing the moments of two bar magnets.

9. A Leyden jar consists of two concentric spheres of 4 and 5 centimetres radius respectively, the space between being filled with air. Find the energy of the jar when the inner sphere is charged with 50 units of electricity, the outer sphere being uninsulated.

10. A conductor carrying a current divides into two branches whose resistances are in the ratio of 3 to 4. Compare the amounts of heat generated in the branches.

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LITERARY SCHOLARSHIP OF THE THIRD YEAR.

LATIN.

FIRST PAPER.

Examiner.—PROFESSOR SANDFORD.

1. Translate, with brief notes:—

I.

Florida per varios ut pingitur Hybla colores,
Cum breve Sicaniae ver populantur apes;
Sic tua suppositas perlucent praela lacernis:
Sic micat innumeris arcula synthesibus.
Atque unam vestire tribum tua candida possunt,
Apula non uno quae grege terra tulit.
Tu spectas hiemem succincti lentus amici,
(Pro scelus!) et lateris frigora trita tui.
Quantum erat, infelix, pannis fraudare duobus
(Quid renuis?) non te, Naevole, sed tineas?

MARTIAL.

II.

Additur imperiis Hispania: Pyrenaeum
Transilit. Opposuit natura Alpemque nivemque:
Diducit scopulos, et montem rumpit aceto.
Iam tenet Italiam: tamen ultra pergere tendit.
Actum, inquit, nihil est, nisi Poeno milite portas
Frangimus, et media vexillum pono Subura.
O qualis facies et quali digna tabella,
Quum Gaetula ducem portaret belua luscum!
Exitus ergo quis est? O gloria! vincitur idem
Nempe, et in exsilium praeceps abit, atque ibi magnus
Mirandusque cliens sedet ad praetoria regis,
Donec Bithyno libeat vigilare tyranno.

JUVENAL.

III.

Quis gremio Enceladi doctique Palaemonis affert,
Quantum grammaticus meruit labor? et tamen ex hoc,
Quodcumque est, (minus est autem, quam rhetoris aera)
Discipuli custos praemordet Acoenonoëtus

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Et, qui dispensat, frangit sibi. Cede, Palaemon,
Et patere inde aliquid decrescere, non aliter, quam
Institor hibernae tegetis neveique cadurci,
Dummodo ne pereat, mediae quod noctis ab hora
Sedisti, qua nemo faber, qua nemo sedebat,
Qui docet obliquo lanam deducere ferro:
Dummodo non pereat totidem olfecisse lucernas,
Quot stabant pueri, quum totus decolor esset
Flaccus, et haereret nigro fuligo Maroni.

Ibid.

IV.

Denique cur nequeat semper nova luna creari
Ordine formarum certo certisque figuris,
Inque dies privos aborisci quaeque creata
Atque alia illius reparari in parte locoque,
Difficilest ratione docere et vincere verbis,
Ordine cum possint tam certo multa creari.
It ver et Venus, et veris praenuntius ante
Pennatus graditur zephyrus, vestigia propter
Flora quibus mater praespargens ante viai
Cuncta coloribus egregis et odoribus opplet.
Inde loci sequitur calor aridus et comes una
Pulverulenta Ceres et etesia flabra aquilonum.
Inde autumnus adit, graditur simul Euhius Euan.

LUCRETIUS.

2. (*a*) Quote Martial's account of the divisions of the Roman day, and of the birthplaces of famous literary men.

(*b*) What English poem is founded on Juvenal, *Sat.* x.? What modern characters are adopted as parallel with those of Juvenal?

3. (*a*) How did the Romans deal with (1) the administration; and (2) the language of the Celts?

(*b*) What do you know of the event connected with the name of Varus? What were its immediate results?

(*c*) 'Tiberius was now surrounded by four imperial widows.' Who were these, and who had been their husbands?

(*d*) Give an account of the Principate of Claudius?

(*e*) Cynthia and Delia were the names to which two elegiac poets addressed their love songs. What were their real names, and who were the poets?

(*f*) What do you know of Hyginus?

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LATIN.

Second Paper.

Examiner—Professor Sandford.

1. Translate, with brief notes:—

I.

Qua re maiorem in modum te rogo, ut rem potiorem oratione ducas, mihique, si sentis expedire recte fieri, credas nullam communionem cum improbis esse posse. An, quod adolescens praestiti, cum etiam errare cum excusatione possem, id nunc aetate praecipitata commutem ac me ipse retexam? Non faciam, neque quod displiceat committam praeterquam quod hominis mihi coniunctissimi ac viri amplissimi doleo gravem casum. Quod si aliter essem animatus, numquam quod facerem negarem, ne et in peccando improbus et in dissimulando timidus ac vanus existimarer.—Cicero.

II.

Verberavi te cogitationis tacito dumtaxat convicio, quod fasciculus alter ad me iam sine tuis litteris perlatus est. Non potes effugere huius culpae poenam te patrono. Marcus est adhibendus: isque diu et multis lucubrationibus commentata oratione vide ut probare possit te non peccasse. Plane te rogo, sicut olim matrem nostram facere memini, quae lagonas etiam inanes obsignabat, ne dicerentur inanes aliquae fuisse, quae furtim essent exsiccatae, sic tu, etiam si quod scribas non habebis, scribito tamen, ne furtem cessationis quaesivisse videaris. Valde enim mihi semper et vera et dulcia tuis epistolis nuntiantur. Ama nos et vale.—*Ibid.*

III.

Haec morte effugiuntur, etiamsi non evenerunt, tamen, quia possunt evenire: sed homines ea sibi accidere posse non cogitant. Metelli sperat sibi quisque fortunam, proinde quasi aut plures fortunati sint quam infelices aut certi quicquam sit in rebus humanis aut sperare sit prudentius quam timere.

Sed hoc ipsum concedatur, bonis rebus homines morte privari; ergo etiam carere mortuos vitae commodis, idque esse miserum? Certe ita dicant necesse est. An potest is, qui non est, re ulla carere? Triste enim est nomen ipsum carendi, quia subicitur haec vis: habuit, non habet, desiderat, requirit, indiget. Haec, opinor, incommoda sunt carentis. Caret oculis, odiosa caecitas; liberis, orbitas. Valet hoc in

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vivis, mortuorum autem non modo vitae commodis, sed ne vita quidem ipsa quisquam caret. De mortuis loquor, qui nulli sunt; nos, qui sumus, num aut cornibus caremus aut pinnis? ecquis id dixerit? Certe nemo. Quid ita? Quia, cum id non habeas, quod tibi nec usu nec natura sit aptum, non careas, etiamsi sentias te non habere.—CICERO.

IV.

Tegumen omnibus sagum fibula aut, si desit, spina consertum: caetera intecti totos dies iuxta focum atque ignem agunt. Locupletissimi veste distinguuntur, non fluitante, sicut Sarmatae ac Parthi, sed stricta et singulos artus exprimente. Gerunt et ferarum pelles, proximi ripae negligenter, ulteriores exquisitius, ut quibus nullus per commercia cultus. Eligunt feras, et detracta velamina spargunt maculis pellibusque belluarum, quas exterior Oceanus atque ignotum mare gignit. Nec alius feminis quam viris habitus, nisi quod feminae saepius lineis amictibus velantur, eosque purpura variant, partemque vestitus superioris in manicas non extendunt, nudae brachia ac lacertos; sed et proxima pars pectoris patet.—TACITUS.

2. Translate into Latin:—

At this time the Governor of Libya was Sextilius, a Roman who had received neither injury nor favour from Marius, and it was expected that he would help him, at least as far as the feelings of compassion move a man. But no sooner had Marius landed with a few of his party than an officer met him, and standing right in front of him said:—'The Governor forbids you, Marius, to set foot in Libya, and he says that if you do he will support the decree of the Senate by treating you as an enemy.' On hearing this grief and indignation deprived Marius of utterance, and he was a long time silent, looking fixedly at the officer. Upon the officer asking Marius what reply he had for the Governor, he answered with a deep groan: 'Tell him you have seen Caius Marius, a fugitive, sitting on the ruins of Carthage.'

3. (*a*) What is Verner's extension of Grimm's Law? Illustrate by notes on *decem* and *centum*.

(*b*) The subjunctive in Latin is in form and meaning a compound word. Explain.

(*c*) Define and illustrate *Rhotacism*.

(*d*) Classify the uses of the *ablative*.

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GREEK.

First Paper.

Examiner—Professor Thompson.

Prescribed Authors.

1. Translate into English :—

I.

ὣς φαμένη μεγάροιο διέσσυτο μαινάδι ἴση,
παλλομένη κραδίην· ἅμα δ' ἀμφίπολοι κίον αὐτῇ.
αὐτὰρ ἐπεὶ πύργον τε καὶ ἀνδρῶν ἶξεν ὅμιλον,
ἔστη παπτήνασ' ἐπὶ τείχεϊ, τὸν δ' ἐνόησεν
ἑλκόμενον πρόσθεν πόλιος· ταχέες δέ μιν ἵπποι
ἕλκον ἀκηδέστως κοίλας ἐπὶ νῆας Ἀχαιῶν.
τὴν δὲ κατ' ὀφθαλμῶν ἐρεβεννὴ νὺξ ἐκάλυψεν,
ἤριπε δ' ἐξοπίσω, ἀπὸ δὲ ψυχὴν ἐκάπυσσεν.
τῆλε δ' ἀπὸ κρατὸς βάλε δέσματα σιγαλόεντα,
ἄμπυκα κεκρύφαλόν τε ἰδὲ πλεκτὴν ἀναδέσμην
κρήδεμνόν θ', ὅ ῥά οἱ δῶκε χρυσέη Ἀφροδίτη,
ἤματι τῷ ὅτε μιν κορυθαίολος ἠγάγεθ' Ἕκτωρ
ἐκ δόμου Ἠετίωνος, ἐπεὶ πόρε μυρία ἕδνα.
ἀμφὶ δέ μιν γαλόῳ τε καὶ εἰνατέρες ἄλις ἔσταν,
αἵ ἑ μετὰ σφίσιν εἶχον ἀτυζομένην ἀπολέσθαι.

Homer, *Iliad.*

II.

ἀλλ' οὔτ' ἐραστὴς τῆσδε τῆς γνώμης ἔφυν
οὔτ' ἂν μετ' ἄλλου δρῶντος ἂν τλαίην ποτέ.
καὶ τῶνδ' ἔλεγχον τοῦτο μὲν Πυθώδ' ἰὼν
πεύθου τὰ χρησθέντ', εἰ σαφῶς ἤγγειλά σοι·
τοῦτ' ἄλλ', ἐάν με τῷ τερασκόπῳ λάβῃς
κοινῇ τι βουλεύσαντα, μή μ' ἁπλῇ κτάνῃς
ψήφῳ, διπλῇ δὲ, τῇ τ' ἐμῇ καὶ σῇ, λαβὼν,
γνώμῃ δ' ἀδήλῳ μή με χωρὶς αἰτιῶ.
οὐ γὰρ δίκαιον οὔτε τοὺς κακοὺς μάτην
χρηστοὺς νομίζειν οὔτε τοὺς χρηστοὺς κακούς.
φίλον γὰρ ἐσθλὸν ἐκβαλεῖν ἴσον λέγω
καὶ τὸν παρ' αὑτῷ βίοτον, ὃν πλεῖστον φιλεῖ.

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ἀλλ' ἐν χρόνῳ γνώσει τάδ' ἀσφαλῶς, ἐπεὶ
χρόνος δίκαιον ἄνδρα δείκνυσιν μόνος·
κακὸν δὲ κἂν ἐν ἡμέρᾳ γνοίης μιᾷ.

SOPHOCLES, *Oedipus Rex.*

III.

τοιῷδε μέντοι σ' ἐκπροτιμήσασ' ἐγὼ
νόμῳ, Κρέοντι ταῦτ' ἔδοξ' ἁμαρτάνειν
καὶ δεινὰ τολμᾶν, ὦ κασίγνητον κάρα.
καὶ νῦν ἄγει με διὰ χερῶν οὕτω λαβὼν
ἄλεκτρον, ἀνυμέναιον, οὔτε του γάμου
μέρος λαχοῦσαν οὔτε παιδείου τροφῆς,
ἀλλ' ὧδ' ἔρημος πρὸς φίλων ἡ δύσμορος
ζῶσ' ἐς θανόντων ἔρχομαι κατασκαφάς·
ποίαν παρεξελθοῦσα δαιμόνων δίκην;
τί χρή με τὴν δύστηνον ἐς θεοὺς ἔτι
βλέπειν; τίν' αὐδᾶν ξυμμάχων; ἐπεί γε δὴ
τὴν δυσσέβειαν εὐσεβοῦσ' ἐκτησάμην.
ἀλλ' εἰ μὲν οὖν τάδ' ἐστὶν ἐν θεοῖς καλά,
παθόντες ἂν ξυγγνοῖμεν ἡμαρτηκότες·
εἰ δ' οἵδ' ἁμαρτάνουσι, μὴ πλείω κακὰ
πάθοιεν ἢ καὶ δρῶσιν ἐκδίκως ἐμέ. ID., *Antigone.*

IV.

καί τις εἶπε τῶν παρόντων ἀκούσας—ὅστις δ' ἦν, οὐ σαφῶς μέμνημαι—Πρὸς θεῶν, οὐκ ἐν τοῖς πρόσθεν ἡμῖν λόγοις αὐτὸ τὸ ἐναντίον τῶν νυνὶ λεγομένων ὡμολογεῖτο, ἐκ τοῦ ἐλάττονος τὸ μεῖζον γίγνεσθαι καὶ ἐκ τοῦ μείζονος τὸ ἔλαττον, καὶ ἀτεχνῶς αὖτη εἶναι ἡ γένεσις, τοῖς ἐναντίοις ἐκ τῶν ἐναντίων; νῦν δέ μοι δοκεῖ λέγεσθαι ὅτι τοῦτο οὐκ ἄν ποτε γένοιτο. καὶ ὁ Σωκράτης παραβαλὼν τὴν κεφαλὴν καὶ ἀκούσας, Ἀνδρικῶς, ἔφη, ἀπεμνημόνευκας· οὐ μέντοι ἐννοεῖς τὸ διαφέρον τοῦ τε νῦν λεγομένου καὶ τοῦ τότε. τότε μὲν γὰρ ἐλέγετο ἐκ τοῦ ἐναντίου πράγματος τὸ ἐναντίον πρᾶγμα γίγνεσθαι, νῦν δὲ ὅτι αὐτὸ τὸ ἐναντίον ἑαυτῷ ἐναντίον οὐκ ἄν ποτε γένοιτο, οὔτε τὸ ἐν ἡμῖν οὔτε τὸ ἐν τῇ φύσει. τότε μὲν γάρ, ὦ φίλε, περὶ τῶν ἐχόντων τὰ ἐναντία ἐλέγομεν, ἐπονομάζοντες αὐτὰ τῇ ἐκείνων ἐπωνυμίᾳ, νῦν δὲ περὶ ἐκείνων αὐτῶν ὧν ἐνόντων ἔχει τὴν ἐπωνυμίαν τὰ ὀνομαζόμενα· αὐτὰ δ' ἐκεῖνα οὐκ ἄν ποτέ φαμεν ἐθελῆσαι γένεσιν ἀλλήλων δέξασθαι.—PLATO, *Phædo.*

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v.

ἃ δὲ ἀρωγὰ ἐνείδομεν ἐπὶ τῇ τοῦ λιμένος στενότητι πρὸς τὸν μέλλοντα ὄχλον τῶν νεῶν ἔσεσθαι καὶ πρὸς τὴν ἐκείνων ἐπὶ τῶν καταστρωμάτων παρασκευήν, οἷς πρότερον ἐβλαπτόμεθα, πάντα καὶ ἡμῖν νῦν ἐκ τῶν παρόντων μετὰ τῶν κυβερνητῶν ἐσκεμμένα ἡτοίμασται. καὶ γὰρ τοξόται πολλοὶ καὶ ἀκοντισταὶ ἐπιβήσονται καὶ ὄχλος, ᾧ ναυμαχίαν μὲν ποιούμενοι ἐν πελάγει οὐκ ἂν ἐχρώμεθα, διὰ τὸ βλάπτειν ἂν τὸ τῆς ἐπιστήμης τῇ βαρύτητι τῶν νεῶν, ἐν δὲ τῇ ἐνθάδε ἠναγκασμένῃ ἀπὸ τῶν νεῶν πεζομαχίᾳ πρόσφορα ἔσται. εὕρηται δ' ἡμῖν ὅσα χρὴ ἀντιναυπηγῆσαι, καὶ πρὸς τὰς τῶν ἐπωτίδων αὐτοῖς παχύτητας, ᾗπερ δὴ μάλιστα ἐβλαπτόμεθα, χειρῶν σιδηρῶν ἐπιβολαί, αἳ σχήσουσι τὴν πάλιν ἀνάκρουσιν τῆς προσπεσούσης νεώς, ἣν τὰ ἐπὶ τούτοις οἱ ἐπιβάται ὑπουργῶσιν. ἐς τοῦτο γὰρ δὴ ἠναγκάσμεθα, ὥστε πεζομαχεῖν ἀπὸ τῶν νεῶν, καὶ τὸ μήτε αὐτοὺς ἀνακρούεσθαι μήτ' ἐκείνους ἐᾷν ὠφέλιμον φαίνεται, ἄλλως τε καὶ τῆς γῆς, πλὴν ὅσον ἂν ὁ πεζὸς ἡμῶν ἐπέχῃ, πολεμίας οὔσης.—THUCYDIDES.

GREEK.

SECOND PAPER.

Examiner—PROFESSOR D'ARCY THOMPSON.

Unprescribed Passage.

1. Translate into English :—

Ὁ μὲν τοιαῦτα ἔλεγεν· οἱ δὲ λοιποὶ ἄρχοντες καὶ διὰ τὸ τοιαῦτα προσακούειν τοὺς μεθ' αὑτῶν ἀπήγαγον εἰς τὸ ἄστυ. τῇ δ' ὑστεραίᾳ οἱ μὲν τριάκοντα πάνυ δὴ ταπεινοὶ καὶ ἔρημοι συνεκάθηντο ἐν τῷ συνεδρίῳ· τῶν δὲ τρισχιλίων ὅπου ἕκαστοι τεταγμένοι ἦσαν, πανταχοῦ διεφέροντο πρὸς ἀλλήλους. ὅσοι μὲν γὰρ ἐπεποιήκεσάν τι βιαιότερον καὶ ἐφοβοῦντο, ἐντόνως ἔλεγον ὡς οὐ χρείη καθυφίεσθαι τοῖς ἐν Πειραιεῖ· ὅσοι δὲ ἐπίστευον μηδὲν ἠδικηκέναι, αὐτοί τε ἀνελογίζοντο καὶ τοὺς ἄλλους ἐδίδασκον ὡς οὐδὲν δέοιντο τούτων τῶν κακῶν, καὶ τοῖς τριάκοντα οὐκ ἔφασαν χρῆναι πείθεσθαι οὐδ' ἐπιτρέπειν ἀπολλύναι τὴν πόλιν· καὶ τὸ τελευταῖον ἐψηφίσαντο ἐκείνους μὲν καταπαῦσαι, ἄλλους δὲ ἑλέσθαι. καὶ εἵλοντο δέκα, ἕνα ἀπὸ φυλῆς.—XENOPHON, *Hellenics.*

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Grammar and Philology.

1. Give primitive forms of—*ἐζεύχθην, τέτριπται, κρύβδην, ἴσμεν, ἐγκρατής, πέπεισμαι.*

2. To what extent is the dual number incomplete?

3. Give, with accent, the vocative for each of the nouns—*ἡγεμών, ἀήρ, πατήρ, δαίμων, μήτηρ, ῥήτωρ.*

4. Λαγώς is always masculine, and *ἀλώπηξ* is always feminine?

Render in Greek—*the doe-hare, the dog-fox.*

5. Of nouns in -ος of the second declension, such as (*a*) signify things *hollow*, and such as (*b*) are names of *earths* and *stones*, are feminine. Give two instances for each case.

6. Express, in Greek, the temporal adverbs and adverbials—*often, every time, very often, seldom.*

7. (*a*) What is the Greek name for the genitive case?

(*b*) Show how far the Greek name is appropriate.

(*c*) Is the Latin name for the case equally appropriate?

8. When is the dative of agency (*a*) sometimes used, and (*b*) always used?

9. Translate:—

(*a*) ὁ ποταμὸς διαβατός ἐστιν.

(*b*) ὁ ποταμὸς διαβατέος ἐστίν.

10. Discuss philologically the words—*ἴον, ἔαρ, οἶνος, αὐέρυσαν, ταλαύρινος, ἀλείφω, ὀλισθάνω, μάκαιρα, φαίνω, ἀργαλεός, τίκτω, σώθητι, τίθημι, ἀμφορεύς.*

Composition.

11. Render into Greek the following:—

A private citizen, after the fight was over, when the death of Hermocrates was deeply felt even by many of his political enemies, called out to Diocles, in allusion to his having appeared in arms in the market-place, 'Ah, Diocles, you

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have made void your own laws!' 'Well, then,' replied he, 'I will ratify them thus'; and he instantly stabbed himself to the heart. Such a man, so sincere and so devoted, might well have been the founder of freedom to his country, and, had his life been prolonged, might have saved it from the selfish ambition of Dionysius.

FRENCH.

Examiner—PROFESSOR STEINBERGER.

COMPOSITION.

Translate into French:—

Language-learning an endless Process.

We realize better in the case of a second, or 'foreign,' than in that of a first or 'native,' language, that the process of acquisition is a never-ending one; but it is not more true of the one than of the other. We say, to be sure, of a child who has reached a certain grade, that he 'has learned to speak'; but we mean by this only that he has acquired a limited number of signs, sufficient for the ordinary purposes of the childish life, together with the power, by much practice, of wielding them with adroitness and general correctness. There are, probably, only a few hundred such signs, all told; and outside their circle the English is as much an unknown language to the child as is German or Chinese. Even ideas which he is fully able to grasp when put into his acquired phraseology are unintelligible if expressed as grown-up men would naturally write them: they must be translated into childish phrase. What he has is especially the central core of language, as we may call it; signs for the most commonly recurring conceptions, words which every speaker uses every day. As he grows older, as his powers develop and his knowledge increases, he acquires more and more; and in different departments, according to circumstances.—W. D. WHITNEY.

AUTHORS, LITERATURE, AND HISTORY OF THE LANGUAGE.

1. Give Boileau's judgment on Corneille as expressed in *l'Art poétique.*

2. State the excellencies and defects of Corneille's *Le Cid.*

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3. Give a short analysis of Molière's *Le Misanthrope.*

4. State Labbé's critique on Thiers.

5. Give a list of the principal comedies and their authors during the age of Louis XIV.

6. Illustrate by examples the law that Latin words, in passing into French, suffer suppression of the short vowel in certain circumstances.

7. State the eldest documents of the French language.

8. Mention the chief dialects of the langue d'oïl with their characteristics.

ORAL EXAMINATION.

GERMAN.

Examiner—PROFESSOR STEINBERGER.

Translate into German:—

All through Greek history there is the same cause at work, ruining the power of Greece, and causing it endless miseries—the incapacity of the Greeks for acting together. Not only does this appear in the wars between the cities, and in their failure to form any lasting union, but still more in the division which existed within each city. Within the same city walls the opposite parties hated one another more bitterly than any foreign enemy. Other nations have had a greater gift for government, and have possessed that power of acting together which was so fatally wanting in the Greeks. In reading the history of the Greeks this great fault is brought clearly before us; but many of the great qualities of the Greeks do not come before us in a history at all. Their quickness, their love of knowledge, their power of creating beautiful things, cannot be brought home to us by a mere account of their actions. To understand these, and to do justice to the real greatness of the Greeks, we must read the books written by the Greeks themselves, and know something of their works of art.—FYFFE.

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AUTHORS, LITERATURE, AND HISTORY OF LANGUAGE.

1. Sketch briefly the principal characters in Schiller's *Piccolomini*. Which of them are not historical?

2. Which persons and events exercised, according to Goethe's own confession in *Wahrheit und Dichtung*, considerable influence on the development of his mind?

3. Give the history of the composition of Schiller's *Wallenstein*.

4. State the causes of the first crusade, as given by Raumer.

5. Give an account of the Schweizer School.

6. Write notes on Bürger, Gellert, Theodor Körner, Achim von Arnim, Herder.

7. Give the history of the pronouns of address.

8. Which dialects are comprised under the term of Low German?

ORAL EXAMINATION.

ENGLISH.

FIRST PAPER.

Examiner—PROFESSOR TRENCH.

1. Discuss the qualities of Bacon's prose style. What Essays would you point to in particular to illustrate your views?

2. Explain the relationship existing between the principal characters in *Richard III.*

3. Discuss the relation in which *Richard III.* stands to Shakespeare's other historical plays.

4. Give the substance of the burial scene in *Hamlet*.

5. State the problem of the text of *Hamlet*.

6. Give an account of the lyrical poetry of 1579–1616.

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ENGLISH.

Second Paper.

Examiner—Professor Trench.

1. Write a note on the Spenserian stanza.

2. Describe the voyage of Satan (*Paradise Lost*, Bk. II.) in *your own* words.

3. 'Poesie therefore is an art of imitation.' Is it?

Essay.

Select *one* of the following subjects:—

(*a*) Milton's relation to his time.

(*b*) Hamlet as a character study.

LOGIC.

Examiner—Professor Trench.

1. Are abstract terms singular or general? Give reasons for your answer.

2. Define Proposition, and Modality.

3. What is contraposition? Attempt the contraposition of particular propositions, and of hypothetical propositions.

4. 'If both the premisses be particular, nothing can be inferred.' Prove.

5. Discover, from the general rules of the syllogism, the valid moods in the third figure.

6. What is the use of Reduction? Reduce a syllogism in Darapti, and a syllogism in Bramantip.

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SCIENCE SCHOLARSHIP OF THE THIRD YEAR.

MATHEMATICS.

(Arts.)

Examiner—PROFESSOR A. C. DIXON.

1. Sum the series $1^2 . 2 + 2^2 . 3 + 3^2 . 4 + \ldots$ to n terms.

$1 + x - x^2 + x^3 + x^4 - x^5 + x^6 + x^7 - x^8 + \ldots$ to infinity.

2. In drawing 5 cards out of a pack of 20, what is the chance of getting (a) two particular cards; (b) one of two particular cards?

3. Prove that

$$\begin{vmatrix} 1 & 1 & 1 & 1 \\ a & b & c & d \\ a^2 & b^2 & c^2 & d^2 \\ a^4 & b^4 & c^4 & d^4 \end{vmatrix} \div \begin{vmatrix} 1 & 1 & 1 & 1 \\ a & b & c & d \\ a^2 & b^2 & c^2 & d^2 \\ a^3 & b^3 & c^3 & d^3 \end{vmatrix} = a + b + c + d.$$

4. What is the *circle of convergency* of a series of ascending integral powers of a variable, say x? Prove that, within the circle of convergency, the sum of the series is a continuous function of x.

5. Prove that

$$\sin^4 \frac{\pi}{7} + \sin^4 \frac{2\pi}{7} + \sin^4 \frac{3\pi}{7} = \frac{21}{16}.$$

6. The sides of a quadrilateral in order are a, b, c, d, and its area is Δ. Prove that x, the length of the diagonal that separates a, b from c, d, is a root of the equation

$$\begin{aligned} &4x^4\{(a^2 + b^2 - c^2 - d^2)^2 + 16\Delta^2\} \\ &+ 4x^2\{(a^2 + b^2 - c^2 - d^2)(a^2 - b^2 + c^2 - d^2)(b^2 + c^2 - d^2 - a^2) \\ &- 16\Delta^2(a^2 + b^2 + c^2 + d^2)\} + \{(a^2 - b^2)^2 - (c^2 - d^2)^2\}^2 \\ &+ 32\Delta^2\{(a^2 - b^2)^2 + (c^2 - d^2)^2\} + 256\Delta^4 = 0. \end{aligned}$$

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7. Show that, if m is a positive whole number, $\sin^2 mx$ is a rational integral algebraical function of $\sin^2 x$ of degree m; and find its coefficients.

8. Find the value of the infinite product

$$\left(1+\frac{z^2}{b^2}\right)\left\{1+\frac{z^2}{(b+1)^2}\right\}\left\{1+\frac{z^2}{(b-1)^2}\right\}\left\{1+\frac{z^2}{(b+2)^2}\right\}\left\{1+\frac{z^2}{(b-2)^2}\right\}\ \ldots$$

9. The angles of a spherical triangle are $\frac{\pi}{2}, \frac{\pi}{3}, \frac{\pi}{5}$. Show that the least side is $\frac{1}{2}\sin^{-1}\frac{2}{3}$ and the perimeter $\frac{\pi}{2}$.

10. Prove that the locus of the pole of the common chord of the ellipse

$$\frac{x^2}{a^2}+\frac{y^2}{b^2}=1,$$

and its circle of curvature at a variable point, is the curve

$$\left(\frac{x^2}{a^2}-\frac{y^2}{b^2}\right)^2=\frac{x^2}{a^2}+\frac{y^2}{b^2}.$$

11. On the sides BC, CA, AB of the triangle of reference, points H, F; E, K; G, D are taken, respectively, so that DE is parallel to BC, FG to CA, HK to AB, and so that DE, FG, HK meet in a point P. Find the area of the hexagon $DHFEKG$ in terms of the coordinates of P.

MATHEMATICS.

Examiner—Professor A. C. Dixon.

1. From a point O perpendiculars are drawn to chords of a given circle which subtend a right angle at O. Show that the feet of these perpendiculars lie on a fixed circle.

2. Find the locus of the centre of a circle which cuts two given spheres orthogonally.

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3. Solve by means of trigonometrical tables the equation

$$5x^3 - 16x + 7 = 0.$$

4. Expand log sec x in ascending powers of x, as far as the sixth power. If a_{2m} is the coefficient of x^{2m}, prove that the coefficients are given successively by the formula

$$ma_{2m} - \frac{m-1}{2!}a_{2m-2} + \frac{m-2}{4!}a_{2m-4} \ldots + (-1)^{m-1}\frac{a_2}{(2m-2)!} = \frac{(-1)^{m-1}}{2(2m-1)!}.$$

5. A pentagon is made up of an equilateral triangle and a rectangle: its perimeter is given; find its proportions when its area is greatest.

6. Find the limiting value, when x is indefinitely diminished, of

$$\frac{\log(3+x^2) - \log 3}{\sin ax \sin bx}.$$

7. Prove that the centre of curvature and the tangent at any point of an ellipse are pole and polar with respect to the confocal hyperbola through that point.

8. Find

$$\int \frac{\sqrt{(x^2-x)}}{x-2}\,dx, \quad \text{and} \quad \int \frac{x^2\,dx}{x^4+1}.$$

9. Show that either loop of the lemniscate $r^2 = a^2 \cos 2\theta$ is divided into four equal parts by the lines $\theta = \pm \frac{1}{4}\pi$, and the initial line.

10. If

$$U_n = \int_0^{2\pi} \frac{\cos n\theta\, d\theta}{1 - \cos\alpha\cos\theta},$$

prove that $U_{n+1} - 2U_n \sec\alpha + U_{n-1} = 0$,

and that $U_n = 2\pi \operatorname{cosec}\alpha\,(\sec\alpha - \tan\alpha)^n$,

n being a positive integer, and α an angle between 0 and π.

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EXPERIMENTAL PHYSICS.

Examiner—PRESIDENT ANDERSON.

1. Describe any method of measuring the acceleration of gravity, pointing out any corrections which may be necessary.

2. What is the law of Torricelli? How is it established theoretically, and how may it be verified by experiment?

3. What is meant by the *form* of a vibration? How does the quality of a musical note depend on the form of the vibration?

4. Explain the decrease of temperature accompanying an increase of height above the sea-level.

5. Define critical volume, critical temperature, and critical pressure, and describe methods of determining them for a given substance.

6. State the second law of thermodynamics. Show that it furnishes a definition of absolute temperature.

7. How is the rectilinear propagation of light explained by the wave theory?

8. Discuss the question of the effect of the motion of a radiating body on the character of the radiation received from it.

9. Describe the induction coil with special reference to the part played by the condenser.

10. Describe a method of comparing the electrestatic and the electromagnetic units of electricity. Why is the numerical value of this ratio of importance?

MATHEMATICAL PHYSICS.

Examiner—PRESIDENT ANDERSON.

1. Prove that the algebraical sum of the moments of a number of forces acting on a particle about a line is equal to the moment of their resultant about the line.

2. State (1) the laws of *statical* friction and (2) the laws of *limiting* and *dynamical* friction.

A body rests on a rough inclined plane of inclination α, the angle of friction being $\lambda > \alpha$. Find the ratio of the least

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force which will drag the body up the plane to the least force which will drag it down.

3. Show that the straight line of quickest descent from one curve to another makes the same angle with the normal to either curve at the point where it meets the curve.

4. Give a geometrical construction for determining the two directions in which a particle may be projected from a given point A with a given velocity to pass through another given point B.

5. Prove that if two smooth balls impinge on each other, the motion of their centre of gravity is unaffected by the impact.

6. Investigate an expression for the time of oscillation of a simple pendulum.

A seconds' pendulum is placed in a railway carriage which is moving in a curve of given radius with given velocity, find the effect on its time of oscillation.

7. Show that when a fluid is in equilibrium the distance between consecutive surfaces of equal pressure varies inversely as the resultant force and the density, conjointly.

8. Find the centre of pressure of a circle, wholly immersed with its plane vertical in a homogeneous liquid.

9. Find the smallest distance between an object and its image formed by a given convex lens.

10. Given the horizontal refraction of a star, find how much its time of rising is altered by refraction.

CHEMISTRY.

Examiner—Professor Senier.

[*Formulæ, equations, and diagrams to be used whenever possible.*]

1. It is supposed that matter consists of minute particles called molecules, and that each of these is built up of one or more particles called atoms. State, as far as you can, the experimental evidence which leads to this hypothesis.

2. What method would you adopt to determine (*a*) the relative weight of the molecule of hydrochloric acid, and (*b*) the relative weight of the atom of chlorine? Give experimental details.

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3. Stas found the equivalent of sulphur to be 15·91. Its specific heat is ·2026. Using these data, calculate its relative atomic weight.

4. Describe and explain (*a*) the Le Blanc method of 'alkali' manufacture, (*b*) the manufacture of 'bleaching powder,' and (*c*) the bleaching action of the latter, and its behaviour when treated with hydrochloric acid.

5. Give an account (*a*) of a method for the conversion of oxygen into ozone, and (*b*) state how the molecular weight of ozone is obtained experimentally.

6. (*a*) What change takes place when ammonium chloride is converted into the gaseous form; (*b*) how may this be observed experimentally; and (*c*) what reaction takes place between this gas and limestone?

7. Describe and explain the reactions which occur between hot concentrated sulphuric acid and (*a*) zinc, (*b*) copper, (*c*) potassium ferrocyanide.

ZOOLOGY AND BOTANY.

Examiner—Professor R. J. Anderson, M.A., M.D.

1. Give an account of the internal anatomy of the Starfish.

2. Compare the limb segments of a Cockroach with those of the Crayfish.

3. Compare the simple Ascidian with the Amphioxus, taking the larval conditions in each case.

4. Give an account of the skull of the Codfish.

5. Distinguish carefully the Old and New World Monkeys. Compare either group with the *Ursidæ*.

6. What are the varities of the andrœcium?

7. What are the parts seen in a microscopic section of the phloëm?

8. Give an account of the Malvaceæ. Illustrate.

9. Compare a Narcissus with a Tulip, and with an Iris.

10. Give an account of cellulose, lignin, and cork, and note the chemical demeanour of each when treated with reagents.

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SENIOR SCHOLARSHIP—ANCIENT CLASSICS.

GREEK.

FIRST PAPER.

Examiner—PROFESSOR D'ARCY THOMPSON.

1. Translate the following passages from prescribed authors :—

I.

φαντὶ δ' ἀνθρώπων παλαιαὶ
ῥήσιες, οὔπω ὅτε χθόνα δατέοντο Ζεύς τε καὶ ἀθάνατοι,
φανερὰν ἐν πελάγει Ῥόδον ἔμμεν ποντίῳ,
ἁλμυροῖς δ' ἐν βένθεσιν νᾶσον κερύφθαι·
ἀπεόντος δ' οὔτις ἔνδειξεν λάχος Ἀελίου·
καί ῥά νιν χώρας ἀκλάρωτον λίπον,
ἀγνὸν θεόν.
μνασθέντι δὲ Ζεὺς ἅμ πάλον μέλλεν θέμεν. ἀλλά νιν οὐκ εἴασεν,
ἐπεὶ πολιᾶς
εἶπέ τιν' αὐτὸς ὁρᾶν ἔνδον θαλάσσας αὐξομέναν πεδόθεν
πολύβοσκον γαῖαν ἀνθρώποισι καὶ εὔφρονα μήλοις.
ἐκέλευσεν δ' αὐτίκα χρυσάμπυκα μὲν Λάχεσιν
χεῖρας ἀντεῖναι, θεῶν δ' ὅρκον μέγαν
μὴ παρφάμεν,
ἀλλὰ Κρόνου σὺν παιδὶ νεῦσαι, φαεννὸν ἐς αἰθέρα νιν πεμφθεῖσαν
ἑᾷ κεφαλᾷ
ἐξοπίσω γέρας ἔσσεσθαι. τελεύταθεν δὲ λόγων κορυφαὶ
ἐν ἀληθείᾳ πετοῖσαι. βλάστε μὲν ἐξ ἁλὸς ὑγρᾶς
νᾶσος, ἔχει τέ νιν ὀξειᾶν ὁ γενέθλιος ἀκτίνων πατήρ,
πῦρ πνεόντων ἀρχὸς ἵππων. PINDAR.

II.

ἔστιν θάλασσα (τίς δέ νιν κατασβέσει;)
τρέφουσα πολλῆς πορφύρας ἰσάργυρον
κηκῖδα παγκαίνιστον, εἱμάτων βαφάς.
οἴκοις δ' ὑπάρχει τῶνδε σὺν θεοῖς, ἄναξ,
ἔχειν· πένεσθαι δ' οὐκ ἐπίσταται δόμος.

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πολλῶν πατεσμὸν δ' εἱμάτων ἂν εὐξάμην,
δόμοισι προὐνεχθέντος ἐν χρηστηρίοις,
ψυχῆς κομίστρα τῆσδε μηχανωμένη.
ῥίζης γὰρ οὔσης, φυλλὰς ἵκετ' ἐς δόμους,
σκιὰν ὑπερτείνασα σειρίου κυνός.
καὶ σοῦ μολόντος δωματῖτιν ἑστίαν,
θάλπος μὲν ἐν χειμῶνι σημαίνεις μολών·
ὅταν δὲ τεύχῃ Ζεὺς ἀπ' ὄμφακος πικρᾶς
οἶνον, τόδ' ἤδη ψῦχος ἐν δόμοις πέλει,
ἀνδρὸς τελείου δῶμ' ἐπιστρωφωμένου.
Ζεῦ, Ζεῦ, τέλειε, τὰς ἐμὰς εὐχὰς τέλει·
μέλοι δέ τοι σοὶ τῶνπερ ἂν μέλλῃς τελεῖν.

AESCHYLUS.

III.

ἐρεῖ τις· οὐ χρῆν. ἀλλὰ τί 'χρῆν; εἶπατε.
φέρ', εἰ Λακεδαιμονίων τις, ἐκπλεύσας σκάφει,
ἀπέδοτο φήνας κυνίδιον Σεριφίων,
ἐκάθησθ' ἂν ἐν δόμοισιν; ἢ πολλοῦ γε δεῖ·
καὶ κάρτα μέν τ' ἂν εὐθέως καθείλκετε
τριακοσίας ναῦς· ἦν δ' ἂν ἡ πόλις πλέα
θορύβου στρατιωτῶν, περὶ τριηράρχου βοῆς,
μισθοῦ διδομένου, Παλλαδίων χρυσουμένων,
στοᾶς στεναχούσης, σιτίων μετρουμένων,
ἀσκῶν, τροπωτήρων, κάδους ὠνουμένων,
σκορόδων, ἐλαῶν, κρομμύων ἐν δικτύοις,
στεφάνων, τριχίδων, αὐλητρίδων, ὑπωπίων·
τὸ νεώριον δ' αὖ κωπέων πλατουμένων,
τύλων ψοφούντων, θαλαμιῶν τροπουμένων,
αὐλῶν κελευστῶν, νιγλάρων, συριγμάτων.
ταῦτ' οἶδ' ὅτι ἂν ἐδρᾶτε· τὸν δὲ τηλεφον
οὐκ οἰόμεσθα; νοῦς ἄρ' ὑμιν οὐκ ἔνι.

ARISTOPHANES.

IV.

δάματερ πολύκαρπε πολύσταχυ, τοῦτο τὸ λᾶον
εὔεργόν τ' εἴη καὶ κάρπιμον ὅττι μάλιστα.
σφίγγετ' ἀμαλλοδέται τὰ δράγματα, μὴ παριών τις
εἴποι· σύκινοι ἄνδρες, ἀπώλετο χοὔτος ὁ μισθός.

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ἐς βορέην ἄνεμον τᾶς κόρθυος ἁ τομὰ ὔμιν
ἢ ζέφυρον βλεπέτω· πιαίνεται ὁ στάχυς οὕτως.
σῖτον ἀλοιῶντας φεύγειν τὸ μεσαμβρινὸν ὕπνῶν·
ἐκ καλάμας ἄχυρον τελέθει τημόσδε μάλιστα.
ἄρχεσθαι δ' ἀμῶντας ἐγειρομένω κορυδαλλῶ,
καὶ λήγειν εὖδοντος, ἐλινῦσαι δὲ τὸ καῦμα.
εὐκτὸς ὁ τῶ βατράχω παῖδες βίος· οὐ μελεδαίνει
τὸν τὸ πιεῖν ἐγχεῦντα· πάρεστι γὰρ ἄφθονον αὐτῷ.
κάλλιον ὤπιμελητὰ φιλάργυρε τὸν φακὸν ἔψειν·
μὴπιτάμῃς τὰν χεῖρα καταπρίων τὸ κύμινον.

THEOCRITUS.

2. Translate into English :—

Unprescribed Passage.

ταῦτα δέ, ὦ Κριτόβουλε, ἐγὼ διηγοῦμαι, ἔφη ὁ Σωκράτης, ὅτι τῆς γεωργίας οὐδ' οἱ πάνυ μακάριοι δύνανται ἀπέχεσθαι. ἔοικε γὰρ ἡ ἐπιμέλεια αὐτῆς εἶναι ἅμα τε ἡδυπάθειά τις καὶ οἴκου αὔξησις καὶ σωμάτων ἄσκησις εἰς τὸ δύνασθαι ὅσα ἀνδρὶ ἐλευθέρῳ προσήκει. πρῶτον μὲν γὰρ ἀφ' ὧν ζῶσιν οἱ ἄνθρωποι, ταῦτα ἡ γῆ φέρει ἐργαζομένοις, καὶ ἀφ' ὧν τοίνυν ἡδυπαθοῦσι, προσεπιφέρει· ἔπειτα δὲ ὅσοις κοσμοῦσι βωμοὺς καὶ ἀγάλματα καὶ οἷς αὐτοὶ κοσμοῦνται, καὶ ταῦτα μετὰ ἡδίστων ὀσμῶν καὶ θεαμάτων παρέχει. ἔπειτα δὲ ὄψα πολλὰ τὰ μὲν φύει, τὰ δὲ τρέφει· καὶ γὰρ ἡ προβατευτικὴ τέχνη συνῆπται τῇ γεωργίᾳ, ὥστε ἔχειν καὶ θεοῖς ἐξαρέσκεσθαι θύοντας καὶ αὐτοὺς χρῆσθαι. παρέχουσα δ' ἀφθονώτατα ἀγαθὰ οὐκ ἐᾷ ταῦτα μετὰ μαλακίας λαμβάνειν, ἀλλὰ ψύχη τε χειμῶνος καὶ θάλπη θέρους ἐθίζει καρτερεῖν.—XENOPHON.

GREEK.

Examiner—PROFESSOR D'ARCY W. THOMPSON.

SECOND PAPER.

1. Translate the following passage :—

ἔστι δὲ περιμέτεια μὲν ἡ εἰς τὸ ἐναντίον τῶν πραττομένων μεταβολὴ καθάπερ εἴρηται, καὶ τοῦτο δὲ ὥσπερ λέγομεν κατὰ τὸ εἰκὸς ἢ ἀναγκαῖον· ὥσπερ ἐν τῷ Οἰδίποδι ἐλθὼν ὡς εὐφρανῶν τὸν Οἰδίπουν καὶ ἀπαλλάξων τοῦ πρὸς τὴν μητέρα φόβου, δηλώσας

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ὃς ἦν, τοὐναντίον ἐποίησεν, καὶ ἐν τῷ Λυγκεῖ *ὁ μὲν ἀγόμενος ὡς ἀποθανούμενος, ὁ δὲ Δαναὸς ἀκολουθῶν ὡς ἀποκτενῶν, τὸν μὲν συνέβη ἐκ τῶν πεπραγμένων ἀποθανεῖν, τὸν δὲ σωθῆναι. ἀναγνώρισις δέ, ὥσπερ καὶ τοὔνομα σημαίνει, ἐξ ἀγνοίας εἰς γνῶσιν μεταβολὴ ἢ εἰς φιλίαν ἢ εἰς ἔχθραν τῶν πρὸς εὐτυχίαν ἢ δυστυχίαν ὡρισμένων. καλλίστη δὲ ἀναγνώρισις, ὅταν ἅμα περιπέτειαι γίνωνται, οἷον ἔχει ἡ ἐν τῷ* Οἰδίποδι. *εἰσὶ μὲν οὖν καὶ ἄλλαι ἀναγνωρίσεις.*—ARISTOTLE, *Poetics.*

GRAMMAR AND PHILOLOGY.

2. Express in Greek the temporal adverbs and adverbials—*often, very often, every time, seldom.*

3. Translate—

(*a*) ὁ ποταμὸς διαβατός ἐστιν.

(*b*) ὁ ποταμὸς διαβατέος ἐστίν.

4. Discuss philologically the words—*ἴον, ἔαρ, οἶνος, ἀνέρυσαν. ταλαύρινος, ἀλείφω, ὀλισθάνω, μάκαιρα, ἀργαλεός, τίκτω, σώθητι, τίθημι, ἀμφορεύς.*

5. Illustrate, by two examples apiece, the terms—Epenthesis, dissimilation, compensatory lengthening.

6. Illustrate, by two examples apiece, the ablaut or vowel-gradation for—(*a*) *ē* series; (*b*) *ĕ* series.

COMPOSITION.

7. Translate into Attic Greek :—

This decree not only proposed to cut short the defence of the generals, but violated one of the fundamental laws of the Athenian constitution, which provided that accused persons should be indicted and sentenced one by one, and not condemned or acquitted by a verdict dealing with several persons simultaneously. The decree met with much opposition; several citizens protested against its illegality, and threatened to prosecute its author for his open disregard of the constitution. But the mob was so violent, and the threats used against the opponents of the bill so terrifying, that they finally gave way. Some of the Prytaneis refused to put the question to the vote, and were only coerced by a menace that they should, if they persevered, be included in the generals' sentence.

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LATIN.

First Paper.

Examiner—Professor Sandford.

1. Translate, with brief notes:—

I.

Ly. Quid vis fieri? Factum est illud: fieri infectum non potest.
Deos credo voluisse: nam ni vellent, non fieret, scio.
Eu. At ego deos credo voluisse, ut apud me te in nervo enicem.
Ly. Ne istuc dixis! Eu. Quid tibi ergo meam me invito tactio est?
Ly. Quia vini vitio atque amoris feci. Eu. Homo audacissume,
Cum istacin te oratione huc ad me adire ausum, impudens!
Nam si istuc ius est, ut tu istuc excusare possies:
Luce claro deripiamus aurum matronis palam;
Post id si prehensi simus, excusemus, ebrios
Nos fecisse amoris causa. Nimis vile est vinum atque amor,
Si ebrio atque amanti impune facere, quod lubeat, licet.
Ly. Quin tibi ultro supplicatum venio ob stultitiam meam.
Eu. Non mihi homines placent, qui quando male fecerunt, purgitant.
Tu illam scibas non tuam esse: non attactam oportuit.
Ly. Ergo quia sum tangere ausus, haud causificor, quin eam
Ego habeam potissimum. Eu. Tun habeas me invito meam?
Ly. Haud te invito postulo.

Plautus, *Aulularia.*

II.

Quid, si ista aut superstitiosa aut ariola est, atque omnia,
Quidquid insit, vera dicet? anne habebit ariola?
Da. Non feret, nisi vera dicet; nequidquam ariolabitur.
Solve vidulum ergo, ut, quid sit verum, quamprimum sciam.
Tr. Bene hoc habet! Gr. Solutumst. Da. Aperi. Pa. Video cistellam! Da. Haeccine est?
Pa. Istaec est. O mei parentes, hic vos conclusos gero!
Huc opesque spesque vostrum cognoscendum condidi!

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Gr. Tunc tibi hercle deos iratos esse oportet, quisquis es,
Quae parentes tam in angustum tuos locum compegeris.
Da. Gripe, accede huc: tua res agitur.—Tu, puella, istinc procul
Dicito, quid insit, et, qua facie, memorato omnia.
Si hercle tantillum peccassis: quod posterius postules
Te ad verum convorti, nugas, mulier, magnas egeris.
Id., *Rudens.*

III.

Talibus Allecto dictis exarsit in iras.
At iuveni oranti subitus tremor occupat artus;
Deriguere oculi: tot Erynis sibilat hydris,
Tantaque se facies aperit. Tum flammea torquens
Lumina cunctantem et quaerentem dicere plura
Repulit, et geminos erexit crinibus angues,
Verberaque insonuit, rabidoque haec addidit ore:
'En ego victa situ, quam veri effeta senectus
Arma inter regum falsa formidine ludit;
Respice ad haec: adsum dirarum ab sede sororum;
Bella manu letumque gero.'
Sic effata facem iuveni coniecit, et atro
Lumine fumantes fixit sub pectore taedas.
Olli somnum ingens rumpit pavor, ossaque et artus
Perfundit toto proruptus corpore sudor.
Arma amens fremit; arma toro tectisque requirit.
Saevit amor ferri, et scelerata insania belli,
Ira super: magno veluti quum flamma sonore
Virgea suggeritur costis undantis aheni,
Exsultantque aestu latices; furit intus aquai
Fumidus atque alte spumis exuberat amnis;
Nec iam se capit unda; volat vapor ater ad auras.
Virgil, *Aen.*

IV.

Helleborum frustra, quum iam cutis aegra tumebit,
Poscentes videas. Venienti occurrite morbo.
Et quid opus, Cratero magnos promittere montes?
Disciteque, o miseri, et caussas cognoscite rerum!
Quid sumus, et quidnam victuri gignimur? ordo
Quis datus, aut metae quam mollis flexus, et unde?
Quis modus argento? quid fas optare? quid asper
Utile numus habet? Patriae carisque propinquis

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Quantum elargiri deceat, quem te deus esse
Iussit, et humana qua parte locatus es in re,
Disce, neque invideas, quod multa fidelia putet
In locuplete penu, defensis pinguibus Umbris,
Et piper, et pernae, Marsi monimenta clientis,
Maenaque quod prima nondum defecerit orca.

PERSIUS, *Sat.*

2. Scan the first three lines of I. Describe the *crepundia* alluded to in II. Who were the chief opponents of Aeneas mentioned in *Aen.* vii.? What remark would you make about their names?

3. History and Literature.

LATIN.

SECOND PAPER.

PROFESSOR SANDFORD.

1. Translate, with brief notes:—

I.

Quod laudas, quia oblivisci me scripsi ante facta et delicta nostri amici: ego vero ita facio. Quin ea ipsa, quae a te commemorantur, secus ab eo in me ipsum facta esse, non memini: tanto plus apud me valere beneficii gratiam, quam iniuriae dolorem, volo. Faciamus igitur, ut censes, colligamusque nos. Σοφιστεύω enim, simul ut rus decurro, atque in decursu θέσεις meas commentari non desino. Sed sunt quaedam earum perdifficiles ad iudicandum. De optimatibus, sit sane ita, ut vis: sed nosti illud, Διονύσιος ἐν Κορίνθῳ. Titinii filius apud Caesarem est. Quod autem quasi vereri videris, ne mihi tua consilia displiceant; me vero nihil delectat aliud, nisi consilium et litterae tuae. Quare fac, ut ostendis, ne destiteris ad me, quidquid tibi in mentem venerit, scribere. Mihi nihil potest esse gratius.—CICERO.

II.

Genus illud Sullani regni iampridem appetitur, multis, qui una sunt, cupientibus. An censes, nihil inter eos convenire, nullam pactionem fieri potuisse? Hodie potest. Sed neutri

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σκοπός est ille, ut nos beati simus; uterque regnare vult. Haec, a te invitatus, breviter exposui. Voluisti enim me, quid de his malis sentirem, ostendere. Προθεσπίζω igitur, noster Attice, non ariolans, ut illa, cui nemo credidit, sed coniectura prospiciens:

Iamque mari magno—.

Non multo, inquam, secus possum vaticinari: tanta malorum impendet Ἰλιάς. Atque hoc nostra gravior et caussa, qui domi sumus, quam illorum, qui una transierunt, quod illi quidem alterum metuunt, nos utrumque.—*Ibid.*

III.

Exim Claudius Timarchus Cretensis reus agitur, ceteris criminibus, ut solent praevalidi provincialium et opibus nimiis ad iniurias minorum elati: una vox eius usque ad contumeliam senatus penetraverat, quod dictitasset in sua potestate situm, an pro consulibus qui Cretam obtinuissent grates agerentur. Quam occasionem Paetus Thrasea ad bonum publicum vertens, postquam de reo censuerat provincia Creta depellendum, haec addidit: 'usu probatum est, patres conscripti, leges egregias, exempla honesta apud bonos ex delictis aliorum gigni. Sic oratorum licentia Cinciam rogationem, candidatorum ambitus Iulias leges, magistratuum avaritia Calpurnia scita pepererunt; nam culpa quam poena tempore prior, emendari quam peccare posterius est. Ergo adversus novam provincialium superbiam dignum fide constantiaque Romana capiamus consilium, quo tutelae sociorum nihil derogetur, nobis opinio decedat, qualis quisque habeatur, alibi quam in civium iudicio esse.—Tacitus.

IV.

At Baream Soranum iam sibi Ostorius Sabinus eques Romanus poposcerat reum ex proconsulatu Asiae, in qua offensiones principis auxit iustitia atque industria, et quia portui Ephesiorum aperiendo curam insumpserat vimque civitatis Pergamenae, prohibentis Acratum Caesaris libertum statuas et picturas evehere, inultam omiserat. Sed crimini dabatur amicitia Plauti et ambitio conciliandae provinciae ad spes novas. Tempus damnationi delectum, quo Tiridates accipiendo Armeniae regno adventabat, ut ad externa rumoribus intestinum scelus obscuraretur, an ut magnitudinem imperatoriam caede insignium virorum quasi regio facinore ostentaret.—*Ibid.*

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2. LATIN COMPOSITION.

3. (*a*) What were the two kinds of accent? State and illustrate the respective effects of each.

(*b*) 'An accented sonant nasal is a contradiction in terms.' Explain this.

(*c*) What causes are assigned for the disappearance of the original ablaut in Latin?

(*d*) How do you account for difference of the formation of *collis* and *volnus*?

(*e*) Write etymological notes on the words—*densus, nidus, quinque, esprit, sooth.*

SENIOR SCHOLARSHIP IN ENGLISH AND MODERN LANGUAGES.

ENGLISH.

FIRST PAPER.

Examiner—PROFESSOR TRENCH.

1. Write notes on:—

(*a*) 'But al be that he was a philosofre,
Yet hadde he but litel gold in cofre.'

(*b*) 'He was a Ianglere and a goliardeys.'

(*c*) 'She coude muche of wandring by the weye.'

2. Give some account of the old play on "The Troublesome Raigne of John."

3. "Nor less I deem . . .
That we can feed this mind of ours
In a wise passiveness."

4 Discuss the dramatic powers of Byron as shown in the Selections.

5. Wherein, according to Coleridge, does true stage-illusion consist?

6. Write a note on the position of Keats.

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ENGLISH.

Second Paper.

Examiner—Professor Trench.

[*Select two only of the following 5 questions.*]

1. Compare Thackeray's prose with that of any other author.

2. How does Burke make use of the cases of Ireland and Wales in the argument for conciliation?

3. Write a note on Cowper's diction and versification.

4. What does Bacon mean by *metaphysic*?

5. Sketch the character of Malvolio.

Essay.

Write an Essay on *one* of the following subjects:—

(*a*) Coleridge as a literary critic.

(*b*) Wordsworth's philosophy.

FRENCH.

Examiner—Professor Steinberger.

I. Thème: Impressions d'un voyage à l'étranger.

II. Traduire en français:—

There is at every period latent among poor men a large amount of special talent of the highest value which cannot be elicited without a long and expensive process of cultivation, or which, when elicited, is of a kind that would produce no pecuniary results at all commensurate with its importance, and which would, therefore, in the natural course of things, either remain wholly uncultivated, or be

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diverted to lower but more lucrative channels. It is one of the most useful functions of government to provide means by which poor men who exhibit some special aptitude may be brought within the reach of an appropriate education; and it is one of the most important advantages of many institutions that they supply requisite spheres for the expansion of certain casts of intellect, and adequate rewards for pursuits which are of great value to the community, but which, if left to the unassisted operation of the law of supply and demand, would remain wholly, or in a great degree, unremunerative.—LECKY, *History of England.*

LITTÉRATURE FRANÇAISE.

1. Faire ressortir les qualités et les défauts de la littérature française au dix-septième siècle.

2. Ecrivez une courte étude sur la comédie française au dix-huitième siècle.

3. Composez un bref aperçu sur la lettre à l'Académie de Fénelon.

HISTOIRE DE LA LANGUE FRANÇAISE.

1. Faites connaître les principales différences entre les dialectes de la langue d'oïl.

2. Indiquer sommairement les différences de la langue du seizième et du dix-neuvième siècle.

EPREUVE ORALE.

GERMAN.

Examiner—PROFESSOR STEINBERGER.

Thema zu einem Aufſatz:

Über den Zweck der Weltausſtellungen.

Man überſetze in's Deutſche:

This change of place produced little change in Schiller's habits or employment: he was now as formerly in the pay

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of the Duke of Weimar; now as formerly engaged in dramatic composition as the great object of his life. What the amount of his pension was, we know not: that the prince behaved to him in a princely manner, we have proof sufficient. Four years before, when invited to the University of Tübingen, Schiller had received a promise, that, in case of sickness or any other cause preventing the continuance of his literary labour, his salary should be doubled. It was actually increased on occasion of the present removal; and again still farther in 1804, some advantageous offers being made to him from Berlin. Schiller seems to have been, what he might have wished to be, neither poor nor rich: his simple unostentatious economy went on without embarrassment: and this was all that he required. To avoid pecuniary perplexities was constantly among his aims: to amass wealth, never.—CARLYLE, *Life of Schiller.*

Deutſche Literatur.

1. Kurzer Bericht über den Göttinger Dichterbund.

2. Über die Beziehungen Goethes zu Schiller und Herder.

3. Die Entſtehungsgeſchichte von Goethes Fauſt.

Deutſche Sprachgeſchichte.

1. Welches ſind die hauptſächlichen Vokalveränderungen die den Übergang vom m. h. d. in's n. h. d. bezeichnen?

2. Erklären Sie die Doppelformen des Konjunktivs im Imperfektum in den Zeitwörtern werfen, ſtehen.

3. Man, Niemand, Mann. Erklären Sie die Orthographie dieſer Wörter.

Mündliche Prüfung.

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SENIOR SCHOLARSHIP—METAPHYSICAL AND POLITICAL SCIENCE.

METAPHYSICS.

Examiner—Professor Trench.

1. Distinguish between primary and secondary qualities.

Is the distinction a modern one?

2. (*a*) 'Space is a purely subjective and *a priori* form.'

or (*b*) 'The prevailing doctrine is that a tree is something in itself apart from all perception; but there is no such thing known as a tree detached from perception, and we can only speak of what we know.'

3. 'Does *ens existentiae*, Being the participle, really add a new note to *ens essentiae*, Being the noun?'

4. (*a*) 'We know only relations.'

or (*b*) 'The actual is the measure of all known possibility; and why anything is as it is rather than otherwise, lies beyond our power of penetration.'

5. Define Substance. Is the conscious soul a substance?

POLITICAL SCIENCE.

Professor Bastable.

1. Sketch concisely the development of the law of contract in the Roman system.

In what respects has modern thought been affected by the Roman view of *obligation*?

2. How does Maine criticise the theories of (*a*) Bentham, (*b*) Montesquieu, (*c*) Rousseau?

Characterise Maine's own theory and method.

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3. Draw up a table, after Austin, showing (*a*) the several grounds of liability, (*b*) the cases in which a person, apparently liable, is nevertheless exempt. Add explanatory notes.

4. Describe the various expedients by which a creditor may secure himself against the failure of the debtor.

5. How far is it true (*a*) that high rent makes high prices; (*b*) that high prices make high wages?

6. What are the chief features of a good system of currency? Consider whether the currency system should vary with the progress of society.

7. Point out the principal influences that affect the price of a foreign bill of exchange.

Illustrate by the case of a bill at 90 days drawn in Berlin on New York.

8. 'The value of a commodity depends on its utility.'

Examine this statement critically.

SENIOR SCHOLARSHIP—NATURAL HISTORY.

ZOOLOGY AND BOTANY.

Examiner—Prof. Richard J. Anderson, M.A., M.D.

1. Give a brief account of the course of development of the chick during the first four days of hatching.

2. Explain the use of the term 'alternation of generations' as applied to plants.

3. Name the specimens Number 1 to 10.

4. Dissect the specimen placed on the table.

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BLAYNEY EXHIBITION.

GREEK AND LATIN COMPOSITION.

Examiners—Professor Sandford; Professor Thompson.

Translate into Latin:—

In the meantime the leaders of the legislative clubs and coffee-houses are intoxicated with admiration at their own wisdom and ability. They speak with the most sovereign contempt of the rest of the world. They tell the people, to comfort them in the rags with which they have cloathed them, that they are a nation of philosophers; and sometimes, by all the arts of quackish parade, by show, tumult, and bustle, sometimes by the alarms of plots and invasions, they attempt to drown the cries of indigence, and to avert the eyes of the observer from the ruin and wretchedness of the State. A brave people will certainly prefer liberty, accompanied by a virtuous poverty, to a depraved and wealthy servitude. But before the price of comfort and opulence is paid, one ought to be pretty sure it is real liberty which is purchased, and that she is to be purchased at no other price.—Burke.

Translate into Greek:—

[The Battle of Chaeronea.].

In the beginning of the action the Athenians repelled the opposing divisions of the enemy; but, instead of attempting to break the formidable phalanx by attacking it in flank, they press forward against the fugitives. Philip made the observation that the enemy were ignorant of the right way to conquer, and commanded the phalanx by a rapid evolution to gain an adjacent eminence, from which they poured down, firm and collected, upon the advancing Athenians, whom confidence of success had rendered totally insensible to danger. The shock of the Macedonian

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phalanx converted their fury into despair. Above a thousand fell; two thousand were taken prisoners, and the rest escaped by a precipitate flight. On the other hand, Alexander had charged the Sacred Band, the members of which were cut down to a man on the ground where they had been drawn up for battle. Even the victors, when they subsequently surveyed the field of battle, shed tears when they beheld the men lying in close order, covered with honourable wounds.

GREEK.

Examiners—Professor Thompson; Professor Sandford.

Grammar and Philology.

1. Annotate the following sentences, translating only where you think translation necessary for full explanation of idiomatic constructions:—

(*a*) οὐ μὴ προσοίσεις χεῖρα μηδ' ἄψει πέπλων.

(*b*) τί δῆτα δρῶμεν; μητέρ' ἢ φονεύσομεν;

(*c*) μέλλω ὑμᾶς διδάξειν ὅθεν μοι
ἡ διαβολὴ γέγονε.

(*d*) ἐσκόπει ὅπως ταῦτα γενήσοιτο.

(*e*) οἶδα τοῦτο ποιήσων.

(*f*) ᾔδειν αὐτὸν τοῦτο ποιήσοντα.

(*g*) ὅταν τις οὕτως ἰσχύσῃ, ἡ πρώτη πρόφασις
ἀνεχαίτισε καὶ διέλυσεν.

(*h*) λέγοντος ἄν τινος πιστεῦσαι αὐτοὺς οἴεσθε;

(*i*) ἔπρασσεν ὅπως πόλεμος γένηται.

(*j*) ὅπως ἀνὴρ ἔσει.

(*k*) οὐ φοβούμεθα ἐλασσώσεσθαι.

(*l*) ἔδει σε τοῦτον φιλεῖν.

(*m*) ἔδει ἄν σε τοῦτον φιλεῖν.

(*n*) Ἑλλήνων τινάς φασι ἁρπάσαι Εὐρώπην·
εἶησαν δὲ οὗτοι Κρῆτες.

(*o*) τὸν Περικλέα ἐκάκιζον
ὅτι στρατηγὸς ὢν αὐτοὺς οὐκ ἐπεξάγοι.

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(*p*) τεθναίης ἢ κάκτανε Βελλεροφόντην.
(*q*) ἦλυθες ἐκ πολέμου; ὡς ὄφελες αὐτόθ' ὀλέσθαι.
(*r*) τί ποιεῖς; οὐ μὴ καταβήσει.
(*s*) μαλακοί εἰσι καρτερεῖν.
(*t*) τὸ ταλαιπωρεῖν οὐδεὶς πρόθυμός ἐστιν.
(*u*) πᾶς ἀσκὸς δύο ἄνδρας ἔξει τοῦ μὴ καταδῦναι.
(*v*) Ἀριστάρχῳ ἔδοσαν ἡμέραν ἀπολογήσασθαι.
(*w*) ἀφίεμέν σε ἐφ' ᾧτε μηκέτι φιλοσοφεῖν.
(*x*) πολλοὶ λόγοι ἐγένοντο ὀλίγου δεῖν
καθ' ἑκάστην ἐκκλησίαν.
(*y*) τί ἂν εἰπών σε ὀρθῶς τις προσείποι.
(*z*) ὡς πολέμου ὄντος ἀπαγγελῶ παρ' ὑμῶν;

2. Write a note on *ablaut*, with illustrations.

3. What difficulties are in the connexion of χέω and *fundo*, of ἵππος and its Latin cognates; and how may they be solved?

4. How was the relative pronoun distinguished from the interrogative and indefinite in early Latin? The best explanation of *cuius* can be illustrated from Celtic?

5. Write etymological notes on the Greek words for *four*, *seven*, and *one hundred*, and on *luna*, *lautia*, *sepulchrum*.

6. Give the Greek cognates of *nidus*, *facio*, *fodio*, and trace the connexion.

7. Write notes on the verbal forms *audiam*, *siet*, *prohibessis*, and *fieri*.

8. 'One main factor in causing diversity of stems was ————; one main cause of uniformity was ————.' Fill up the blanks, and illustrate the statement.

9. Write a note on *accent* in Greek, dealing with the accents on πολεως, θηριον, φρουριον, ἀλγεα τινων, εὐνου, χρυσους.

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GREEK.

Examiner—Professor D'Arcy W. Thompson.

Translate into English :—

I.

ΕΥ. ἐγῷδα τοῦτον, καὶ διέσκεμμαι πάλαι,
ἄνθρωπον ἀγριοποιόν, αὐθαδόστομον,
ἔχοντ' ἀχάλινον, ἀκρατές, ἀπύλωτον στόμα,
ἀπεριλάλητον, κομποφακελορρήμονα.

ΑΙ. ἄληθες, ὦ παῖ τῆς ἀρουραίας θεοῦ;
σὺ δή με ταῦτ', ὦ στωμυλιοσυλλεκτάδη,
καὶ πτωχοποιέ, καὶ ῥακιοσυρραπτάδη;
ἀλλ' οὔ τι χαίρων αὖτ' ἐρεῖς.

ΔΙ. παῦσ' Αἰσχύλε,
καὶ μὴ πρὸς ὀργὴν σπλάγχνα θερμήνῃς κότῳ.

ΑΙ. οὐ δῆτα, πρίν γ' ἂν τοῦτον ἀποφήνω σαφῶς
τὸν χωλοποιὸν οἷος ὢν θρασύνεται.

ΔΙ. ἄρν', ἄρνα μέλαιναν, παῖδες, ἐξενέγκατε·
τυφὼς γὰρ ἐκβαίνειν παρασκευάζεται.

ΑΙ. ὦ Κρητικὰς μὲν ξυλλέγων μονῳδίας,
γάμους δ' ἀνοσίους εἰσφέρων εἰς τὴν τέχνην,—

ΔΙ. ἐπίσχες οὗτος, ὦ πολυτίμητ' Αἰσχύλε.
ἀπὸ τῶν χαλαζῶν, ὦ πόνηρ' Εὐριπίδη,
ἄπαγε σεαυτὸν ἐκποδών, εἰ σωφρονεῖς,
ἵνα μὴ κεφαλαίῳ τὸν κρόταφόν σου ῥήματι
θένων ὑπ' ὀργῆς ἐκχέῃ τὸν Τήλεφον·
σὺ δὲ μὴ πρὸς ὀργήν, Αἰσχύλ', ἀλλὰ πραόνως
ἔλεγχ', ἐλέγχου. λοιδορεῖσθαι δ' οὐ πρέπει
ἄνδρας ποιητάς, ὥσπερ ἀρτοπώλιδας.
σὺ δ' εὐθὺς ὥσπερ πρῖνος ἐμπρησθείς, βοᾷς.

Aristophanes, *Frogs*.

II.

ὦ σοφώτατοι θεαταί, δεῦρο τὸν νοῦν πρόσχετε.
ἠδικημέναι γὰρ ὑμῖν μεμφόμεσθ' ἐναντίον·
πλεῖστα γὰρ θεῶν ἁπάντων ὠφελούσαις τὴν πόλιν,
δαιμόνων ἡμῖν μόναις οὐ θύετ' οὐδὲ σπένδετε·

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αἴτινες τηροῦμεν ὑμᾶς. ἦν γὰρ ᾖ τις ἔξοδος
μηδενὶ ξυν νῷ, τότ' ἢ βροντῶμεν ἢ ψεκάζομεν.
εἶτα τὸν θεοῖσιν ἐχθρὸν βυρσοδέψην Παφλαγόνα
ἡνίχ' ᾑρεῖσθε στρατηγόν, τὰς ὀφρῦς ξυνήγομεν,
κἀποιοῦμεν δεινά· βροντὴ δ' ἐῤῥάγη δι' ἀστραπῆς·
ἡ σελήνη δ' ἐξέλειπε τὰς ὁδούς· ὁ δ' ἥλιος,
τὴν θρυαλλίδ' εἰς ἑαυτὸν εὐθέως ξυνελκύσας,
οὐ φανεῖν ἔφασκεν ὑμῖν, εἰ στρατηγήσει Κλεών.
ἀλλ' ὅμως εἵλεσθε τοῦτον· φασὶ γὰρ δυσβουλίαν
τῇδε τῇ πόλει προσεῖναι· ταῦτα μέντοι τοὺς θεούς,
ἄττ' ἂν ὑμεῖς ἐξαμάρτητ', ἐπὶ τὸ βέλτιον τρέπειν.

Id., *Clouds.*

III.

ἐπειδὴ οὖν δεῖ τὴν σύνθεσιν εἶναι τῆς καλλίστης τραγῳδίας μὴ ἁπλῆν, ἀλλὰ πεπλεγμένην, καὶ ταύτην φοβερῶν καὶ ἐλεεινῶν εἶναι μιμητικήν· (τοῦτο γὰρ ἴδιον τῆς τοιαύτης μιμήσεώς ἐστι·) πρῶτον· μὲν δῆλον, ὅτι οὔτε τοὺς ἐπιεικεῖς ἄνδρας δεῖ μεταβάλλοντας φαίνεσθαι ἐξ εὐτυχίας εἰς δυστυχίαν. (οὐ γὰρ φοβερὸν, οὐδὲ ἐλεεινὸν τοῦτο, ἀλλὰ μιαρόν ἐστιν·) οὔτε τοὺς μοχθηροὺς ἐξ ἀτυχίας εἰς εὐτυχίαν· (ἀτραγῳδότατον γὰρ τοῦτό ἐστι πάντων· οὐδὲν γὰρ ἔχει ὧν δεῖ· οὔτε γὰρ φιλάνθρωπον, οὔτε ἐλεεινὸν, οὔτε φοβερόν ἐστιν·) οὐδ' αὖ τὸν σφόδρα πονηρὸν ἐξ εὐτυχίας εἰς δυστυχίαν μεταπίπτειν. (τὸ μὲν γὰρ φιλάνθρωπον ἔχοι ἂν ἡ τοιαύτη σύστασις, ἀλλ' οὔτε ἔλεον οὔτε φόβον. ὁ μὲν γὰρ περὶ τὸν ἀνάξιόν ἐστι δυστυχοῦντα, ὁ δὲ περὶ τὸν ὅμοιον· ἔλεος μὲν περὶ τὸν ἀνάξιον, φόβος δὲ περὶ τὸν ὅμοιον. ὥστε οὔτε ἐλεεινὸν οὔτε φοβερὸν ἔσται τὸ συμβαῖνον. ὁ μεταξὺ ἄρα τούτων λοιπός. ἔστι δὲ τοιοῦτος, ὁ μήτε ἀρετῇ διαφέρων καὶ δικαιοσύνῃ, μήτε διὰ κακίαν καὶ μοχθηρίαν μεταβάλλων εἰς τὴν δυστυχίαν, ἀλλὰ δι' ἁμαρτίαν τινὰ, τῶν ἐν μεγάλῃ δόξῃ ὄντων καὶ εὐτυχίᾳ· οἷον, Οἰδίπους καὶ Θυέστης, καὶ οἱ ἐκ τοιούτων γενῶν ἐπιφανεῖς ἄνδρες. ἀνάγκη ἄρα τὸν καλῶς ἔχοντα μῦθον ἁπλοῦν εἶναι μᾶλλον ἢ διπλοῦν, ὥσπερ τινές φασι, καὶ μεταβάλλειν οὐκ εἰς εὐτυχίαν ἐκ δυστυχίας, ἀλλὰ τοὐναντίον, ἐξ εὐτυχίας εἰς δυστυχίαν, μὴ διὰ μοχθηρίαν, ἀλλὰ δι' ἁμαρτίαν μεγάλην, ἢ οἷου εἴρηται, ἢ βελτίονος μᾶλλον ἢ χειρονος. σημεῖον δὲ καὶ τὸ γιγνόμενον· πρὸ τοῦ μὲν γὰρ οἱ ποιηταὶ τοὺς

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τυχόντας μύθους ἀπηρίθμουν· νῦν δὲ περὶ ὀλίγας οἰκίας αἱ κάλλισται τραγῳδίαι συντίθενται· οἷον περὶ Ἀλκμαίωνα, καὶ Οἰδίπουν, καὶ Ὀρέστην, καὶ Μελέαγρον, καὶ Θυέστην, καὶ Τήλεφον, καὶ ὅσοις ἄλλοις συμβέβηκεν ἢ παθεῖν δεινὰ ἢ ποιῆσαι.—ARISTOTLE, *De Arte Poetica.*

IV.

Unprescribed Passage.

ἐν Σικελίᾳ δέ τις τεθέντος παρ' αὐτῷ νομίσματος συνεπρίατο πάντα τὸν σίδηρον ἐκ τῶν σιδηρείων, μετὰ δὲ ταῦτα ὡς ἀφίκοντο ἐκ τῶν ἐμπορίων οἱ ἔμποροι, ἐπώλει μόνος, οὐ πολλὴν ποιήσας ὑπέρβολὴν τῆς τιμῆς· ἀλλ' ὅμως ἐπὶ τοῖς πεντήκοντα ταλάντοις ἐπέλαβεν ἑκατόν. τοῦτον μὲν οὖν ὁ Διονύσιος αἰσθόμενος τὰ μὲν χρήματα ἐκέλευσεν ἐκκομίσασθαι, μὴ μέντοι γε ἔτι μένειν ἐν Συρακούσαις, ὡς πόρους εὑρίσκοντα τοῖς αὐτοῦ πράγμασιν ἀσυμφόρους· τὸ μέντοι ὅραμα* Θάλεω καὶ τοῦτο ταὐτόν ἐστιν (ἀμφότεροι γὰρ ἑαυτοῖς ἐτέχνασαν γενέσθαι μονοπωλίαν)· χρήσιμον δὲ γνωρίζειν ταῦτα καὶ τοῖς πολιτικοῖς. πολλαῖς γὰρ πόλεσι δεῖ χρηματισμοῦ καὶ τοιούτων πόρων, ὥσπερ οἰκίᾳ, μᾶλλον δέ. διόπερ τινὲς καὶ πολιτεύονται τῶν πολιτευομένων ταῦτα μόνον.—ID., *Politics.*

LATIN.

Examiner—PROFESSOR SANDFORD.

1. Translate into English, adding notes :—

I.

Interim flumini Arsaniae (is castra praefluebat) pontem imposuit, specie sibi illud iter expedientis, sed Parthi quasi documentum victoriae iusserant; namque iis usui fuit, nostri per diversum iere. Addidit rumor sub iugum missas legiones et alia ex rebus infaustis, quorum simulacrum ab Armeniis usurpatum est. Namque et munimenta ingressi sunt, antequam agmen Romanum excederet, et circumstetere vias, captiva olim mancipia aut iumenta adgnoscentes abstrahentesque.

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* ὅραμα, speculation (?).

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II.

Eodem anno Caesar nationes Alpium maritimarum in ius Latii transtulit. Equitum Romanorum locos sedilibus plebis anteposuit apud circum; namque ad eam diem indiscreti inibant, quia lex Roscia nihil nisi de quattuordecim ordinibus sanxit. Spectacula gladiatorum idem annus habuit pari magnificentia ac priora; sed feminarum inlustrium senatorumque plures per arenam foedati sunt.

III.

Eius munus frequentanti Neroni ne inter voluptates quidem a sceleribus cessabatur. Isdem quippe illis diebus Torquatus Silanus mori adigitur, quia super Iuniae familiae claritudinem divum Augustum abavum ferebat. Iussi accusatores obicere prodigum largitionibus, neque aliam spem quam in rebus novis esse. Quin eum in villis habere, quos ab epistulis et libellis et rationibus appellet, nomina summae curae et meditamenta.

IV.

P. Gallus eques Romanus, quod Faenio Rufo intimus et Veteri non alienus fuerat, aqua atque igni prohibitus est. Liberto et accusatori praemium operae locus in theatro inter viatores tribunicios datur. Et mensis qui Aprilem eundemque Neroneum sequebatur, Maius Claudii, Iunius Germanici vocabulis mutantur, testificante Cornelio Orfito, qui id censuerat, ideo Iunium mensem transmissum, quia duo iam Torquati ob scelera interfecti infaustum nomen Iunium fecissent.

V.

Etiam si bella externa et obitas pro re publica mortes tanta casuum similitudine memorarem, meque ipsum satias cepisset aliorumque taedium exspectarem, quamvis honestos civium exitus, tristes tamen et continuos aspernantium: at nunc patientia servilis tantumque sanguinis domi perditum fatigant animum et maestitia restringunt. Neque aliam defensionem ab iis quibus ista noscentur exegerim, quam ne oderim tam segniter pereuntes.

VI.

At Tiridates super proprias clientelas ope Vologesi fratris adiutus, non furtim iam sed palam bello infensare Armeniam, quosque fidos nobis rebatur, depopulari, et si copiae contra

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ducerentur, eludere hucque et illuc volitans plura fama quam pugna exterrere. Igitur Corbulo quaesito diu proelio frustra habitus et exemplo hostium circumferre bellum coactus, dispertit vires, ut legati praefectique diversos locos pariter invaderent; simul regem Antiochum monet proximas sibi praefecturas petere. Nam Pharasmanes interfecto filio Radamisto quasi proditore, quo fidem in nos testaretur, vetus adversus Armenios odium promptius exercebat. Tuncque primum inlecti Moschi, gens ante alias socia Romanis, avia Armeniae incursavit.

2. (*a*) What striking phrase does Tacitus use in reference to the murder of Thrasea? What charges were alleged against him?

(*b*) Corpus non igni abolitum, ut Romanus mos, sed regum externorum consuetudine differtum odoribus conditur. Translate accurately with a note on the allusion.

(*c*) What is the story of Caesellius Bassus?

(*d*) What do we learn, from *Annals* xv. and xvi., of Lucan, Corbulo, and Seneca?

(*e*) Write a note on the allusion to the Christians in these books.

3. Translate with notes:—

I.

Tr. Teque oro et quaeso, si speras tibi
Hoc anno multum futurum sirpe et lasserpicium
Eamque eventuram exagogam Capuam salvam et sospitem,
Atque ab lippitudine usque siccitas ut sit tibi . . .
Dar. Sanun es? Tr. Seu tibi confidis fore multam magudarim,
Ut te ne pigeat dare operam mihi quod te orabo, senex.
Dar. At ego te per crura et talos tergumque optestor tuum,
Ut tibi ulmeam futuram speras virgidemiam
Et tibi eventuram hoc anno uberem messem mali,
Ut mi istuc dicas negoti quid sit quod tumultues.

II.

Con. Ita me bene Laverna amet, te iam nisi reddi
Mihi vasa iubes, pipulo hic differam ante aedis.
Quid ego nunc agam? Ne ego edepol veni huc auspicio malo:
Nummo sum conductus; plus iam medico mercedist opus.

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Eu. Hoc quidem hercle, quoquo ego ibo, mecum erit, mecum feram,
Neque istic in tantis periclis unquam committam ut siet.
Ite sane nunc iam intro omnes et coci, et tibicinae.
Etiam introduce, si vis, vel gregem venalium.
Coquite, facite, festinate nunc iam, quantum lubet.
Con. Temperi: postquam implevisti fusti fissorum caput.
Eu. Intro abite: opera huc conducta est vostra, non oratio.
Con. Heus senex, pro vapulando hercle ego abs te mercedem petam:
Coctum ego, non vapulatum, dudum conductus fui.

4. (*a*) What Greek simile is used for the storm; what Roman simile for Neptune in the *Rudens*?

(*b*) What were the *crepundia* mentioned in the *Rudens*?

(*c*) What modern play is founded on the *Aulularia*?

(*d*) How may the loss of the last portion of the *Aulularia* be accounted for?

(*e*) What do you know of the mss. of Plautus?

5. Scan the following lines, noting anything peculiar:—

(*a*) Ubi ille abiit, ego me deorsum duco de arbore.

(*b*) Oro obtestor, sitis et hominem demonstretis qui eam abstulerit.

(*c*) Salute horiae, quae in mari fluctuoso.

(*d*) Moririst par nec meliust morte in miseriis.

(*e*) Nisi quid concharum capsimus, cenati sumus profecto.

6. Comment on the following words and phrases:—

Propter viam vocati ad prandium; ananceo; scibis faxo: subvolturium illut quidem subaquilum volui dicere: utinam fortunam nunc anatinam uterer: pro manduco locare: cistella caudea: Hercules istum infelicet cum sua licentia: os calet tibi: praei verbis quidvis: curio: sublevit os mihi: phyrgio: cocus nundi(n)alis: non temere est: perendie.

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THE 'DR. AND MRS. W. A. BROWNE SCHOLARSHIP.'

FRENCH.

Examiner—PROFESSOR CADIC, F.R.U.I.

Write, in French, an Essay of about 100 lines on—

La France sous Richelieu ;

Or,

Les bibliothèques publiques.

FRENCH.

Examiner—PROFESSOR CADIC, F.R.U.I.

1. Translate into French :—

So, my friend, you ask me to tell you how I contrive to support this monotonous country life; how, fond as I am of excitement, adventure, society, scenery, art, literature, I go cheerfully through the daily routine of a common-place country profession, never requiring a six-weeks holiday; not caring to see the Continent, hardly even to spend a day in London; having never yet actually got to Paris. You wonder why I do not grow dull as those round me, whose talk is of bullocks—as indeed mine is often enough; why I have not been tempted to bury myself in my study, and live a life of dreams among old books. I will tell you. I am a minute philosopher. I am possibly, after all, a man of small mind, content with small pleasures. So much the better for me. Meanwhile, I can understand your surprise, though you cannot my content. . . . Ere I was three-and-twenty, I discovered, plainly enough, that my lot was to stay at home and earn my bread in a very quiet way; that England was to be henceforth my prison

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or my palace, as I should choose to make it; and I have made it, by Heaven's help, the latter. I am very rich, as every man may be who will. In the doings of our little country neighbourhood I find tragedy and comedy, too fantastic, sometimes too sad to be written down. . . . In fifteen miles of moorland I find the materials of all possible physical science, and long, too, that I had time to work out one smallest segment of that great sphere. How can I be richer, if I have lying at my feet all day a thousand times more wealth than I can use?

2. Translate into English:—

I.

Quelque rapport qu'il paraisse de la jalousie à l'émulation, il y a entre elles le même éloignement que celui qui se trouve entre le vice et la vertu. La jalousie et l'émulation s'exercent sur le même objet, qui est le bien ou le mérite des autres; avec cette différence, que celle-ci est un sentiment volontaire, courageux, sincère, qui rend l'âme féconde, qui la fait profiter des grands exemples, et la porte souvent au-dessus de ce qu'elle admire; et que celle-là, au contraire, est un mouvement violent et comme un aveu contraint du mérite qui est hors d'elle; qu'elle va même jusqu'à nier la vertu dans les sujets où elle existe, ou qui, forcée de la reconnaître, lui refuse les éloges ou lui envie les récompenses; une passion stérile, qui laisse l'homme dans l'état où elle le trouve, qui le remplit de lui-même, de l'idée de sa réputation; qui le rend froid et sec sur les actions ou sur les ouvrages d'autrui; qui fait qu'il s'étonne de voir dans le monde d'autres talents que les siens, ou d'autres hommes avec les mêmes talents dont il se pique.—La Bruyère, *De l'homme.*

II.

Élégie sur la Disgrâce de Fouquet.

Remplissez l'air de cris, en vos grottes profondes,
Pleurez, nymphes de Vaux, faites croître vos ondes,
Et que l'Anqueil enflé ravage les trésors
Dont les regards de Flore ont embelli ses bords.
On ne blâmera pas vos larmes innocentes;
Vous pouvez donner cours à vos douleurs pressantes,
Chacun attend de vous ce devoir généreux:

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Les destins sont contents, Oronte est malheureux.
Vous l'avez vu naguère aux bords de vos fontaines,
Qui, sans craindre du sort les faveurs incertaines,
Plein d'éclat, plein de gloire, adoré des mortels,
Recevoit des honneurs qu'on ne doit qu'aux autels.
Hélas! qu'il est déchu de ce bonheur suprême!
Que vous le trouveriez différent de lui-même!
Pour lui les plus beaux jours sont de secondes nuits;
Les soucis dévorants, les regrets, les ennuis,
Hôtes infortunés de sa triste demeure,
En des gouffres de maux le plongent à toute heure!
Voilà le précipice où l'ont enfin jeté
Les attraits enchanteurs de la prospérité.

LA FONTAINE.

GERMAN.

Examiner—PROFESSOR CADIC, F.R.U.I.

Write, in German, an Essay of about 100 lines on :—

Das deutſche Reich zur Zeit Bismarcks.

Or,

Heimatsliebe.

GERMAN.

Examiner—PROFESSOR CADIC, F.R.U.I.

1. Translate into German :—

A German prince, who was travelling through France, visited the arsenal at Toulon, where the galleys were kept. As a compliment to his rank, the commandant told him that he was welcome to set free any galley-slave whom he might select. Wishing to make the best use of his privilege, he went among the convicts and spoke to many of them in succession, always taking care to ask each one why he had been condemned to the galleys. Injustice,

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oppression, and false accusation were assigned by one after another as the causes of their condemnation. In fact, according to their own account, they were all injured and ill-treated men. At last he came to one who, when asked the same question, answered: 'Indeed, your Highness, I have no reason to complain. I have been a very wicked, desperate wretch. I account it a great mercy that my life has been spared, and that I have been sent to work as a galley-slave, instead of being put to death for my crimes.' On hearing this confession, the prince fixed his eyes on him, and said: 'You wicked wretch! it is a shame that you should be allowed to remain among so many honest men. By your own confession, you are bad enough to corrupt them all; but you shall not remain in their company another day.' So saying, he turned to the officer in command, and said: 'This is the man whom I wish to release.' The criminal who had such a deep sense of his own guilt was accordingly set at liberty.

2. Translate into English:—

I.

So ſaßen beide ernſthaft über die Bücher geneigt und dem Profeſſor pochte das Herz vor Freude über den feſten Bedacht, mit welchem ſein Weib das Verſtändniß ſeiner Thätigkeit ſuchte. Denn es iſt das Loos des Gelehrten, daß Wenige mit herzlichem Antheil Mühe, Kampf und Verdienſt ſeines Schaffens betrachten. Der Welt gilt er für einen harten Baugehülfen. Was er mit ausdauernder Kraft gebildet, das wird ſofort als Bauſtein verwandt zu dem unermeßlichen Hauſe der Wiſſenſchaft, an welchem das Geſchlecht der Erde ſeit Jahrtauſenden gearbeitet. Hundert Andere ſtellen ſich darauf, um die eigene Arbeit zu fördern, tauſend neue Werkſtücke werden darüber gewälzt, nicht Viele ſind, welche danach fragen, wer den einzelnen Pfeiler gemeißelt, noch ſeltener drückt dem Arbeiter ein Fremder darum die Hand. Dem leichten Werke des Dichters winkt noch lange grüßend zu, wer einmal davor heiteres Lächeln gefunden hat oder gehobene Stimmung.

Der Gelehrte wird nur ſelten und faſt zufällig durch einzelne Werke ein werther Freund und Vertrauter ſeiner Leſer. — Guſtav Freytag.

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II.

Der Spaziergang.

Sei mir gegrüßt, mein Berg mit dem röthlich ſtrahlenden Gipfel!
Sei mir, Sonne, gegrüßt, die ihn ſo lieblich beſcheint!
Dich auch grüß' ich, belebte Flur, euch, ſäuſelnde Linden,
Und den fröhlichen Chor, der auf den Aeſten ſich wiegt;
Ruhige Bläue, dich auch, die unermeßlich ſich ausgießt
Um das braune Gebirg, über den grünenden Wald,
Auch um mich, der, endlich entfloh'n des Zimmers Gefängniß
Und dem engen Geſpräch, freudig ſich rettet zu dir.
Deiner Lüfte balſamiſcher Strom durchrinnt mich erquickend,
Und den durſtigen Blick labt das energiſche Licht.
Kräftig auf blühender Au erglänzen die wechſelnden Farben,
Aber der reizende Streit löſet in Anmuth ſich auf.
Frei empfängt mich die Wieſe mit weithin verbreitetem Teppich:
Durch ihr freundliches Grün ſchlingt ſich der ländliche Pfad.
Um mich ſummt die geſchäftige Bien', mit zweifelndem Flügel
Wiegt der Schmetterling ſich über dem röthlichen Klee.
Glühend trifft mich der Sonne Pfeil, ſtill liegen die Weſte,
Nur der Lerche Geſang wirbelt in heiterer Luft.

Schiller.

LAW SCHOLARSHIP—FIRST YEAR.

REAL PROPERTY.

Examiner—Professor Campion.

1. State the two leading rules, the compliance with which was essential to the validity of a 'contingent remainder' at common law, and the extent to which statutory enactment has altered that requirement.

2. Define the term 'purchaser' as enacted by the law of descent. When there is a total failure of the heirs of the purchaser, how is descent traced? Give an example of the latter.

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3. Distinguish, in their origin and incidents, 'co-parcenors' and 'tenants in common.'

4. Upon what legal ground does 'the rule against perpetuity' not apply to an estate limited to take effect after 'an estate tail'?

5. Give examples of the following, respectively:—the doctrine of 'cy près,' the statutory provision against 'lapse.'

6. The right of alienation and disposition being inherent in ownership of property, state an exception to the rule prohibiting a restriction on alienation.

7. State the difference between a condition and a covenant. State statutory changes as to conditions, where there is a 'severance of the reversion,' also as to the legal effect of 'waiver' of a condition.

8. A woman married before the Married Woman's Property Statutes, had, at the date of her marriage, the following properties:—

'An estate in fee-simple'; 'a leasehold for a term of years'; 'debts due to her'; and 'general personal property.'

What rights in these properties, respectively, did her husband acquire *jure mariti*.

9. Define the two-fold classification of terms of years in landed property, and their essential difference as to origin and operation.

10. To what estates only are dower and curtesy incident? State the effect of statutory enactment as to the former.

11. A testator having an estate *pur autre vie*, and also a leasehold for years, devises both in terms, 'to AB and the heirs of his body.'

What estates does AB take, and what is his power of disposition?

12. As regards the enactment that the terms, 'die without issue,' shall be construed as failure of issue at the death of the party, and not an indefinite failure of issue.

To what qualification is that construction made subject?

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JURISPRUDENCE.

Examiner—PROFESSOR BASTABLE.

1. Discuss the comparative merits of the 'analytical' and 'historical' methods in Jurisprudence. How far is Jurisprudence concerned with legislation?

2. 'Scientific discussion, "*Wissenschaft*," "*Jurisprudence*," has played a useful part in the development of rules which have been adopted as laws.' Write a full explanatory note on this statement of Holland's.

3. Illustrate, and account for, the prominence of adjective law in primitive societies.

4. (*a*) Distinguish between the *Jus possessionis* and the *Jus possidendi*.

(*b*) Analyse carefully the conception of possession.

(*c*) Explain the expression *in possessione esse*.

5. 'The movement of progressive societies has hitherto been from *status* to *contract*.' Comment critically on this proposition.

6. What light is thrown on the development of criminal law by the history of Roman law?

7. Consider whether international law should be regarded as truly law, or as positive morality?

8. What is the proper function of interpretation? Give examples of the different kinds of interpretation.

9. State accurately Savigny's analysis of contract. How does Holland criticise it?

10. What traces are to be found in modern legal systems of the conception that the family is the unit of society?

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MEDICAL SCHOLARSHIP—SECOND YEAR.

ANATOMY.

Examiner—PROFESSOR PYE.

1. Describe the ethmoid bone, adding a short account of its development.

2. Describe the supinators of the fore-arm; and state, precisely, the mechanism of their action.

3. Point out, as regards the trochanters of the femur, the exact attachments of muscles.

4. Describe the movement that occurs at the junction of a rib to a vertebra, at the centrum, and at the transverse process, respectively.

5. Describe the odontoid process.

(*Further Practical Examination in Dissecting Room.*)

CHEMISTRY.

Examiner.—PROFESSOR SENIER.

[*Formulæ, equations, and diagrams are to be used whenever possible.*]

1. Describe and explain the interaction of sulphuric acid and alcohol whereby ether is obtained.

2. How can it be demonstrated that ammonium chloride *dissociates* when converted into gas by the action of heat?

3. Explain the behaviour of the following compounds when heated:—(*a*) potassium nitrate; (*b*) ammonium nitrate; (*c*) mercuric nitrate; (*d*) cupric nitrate.

4. Commencing with witherite (barium carbonate), (*a*) how may it be converted into barium oxide, and (*b*) in what way is barium oxide employed to isolate the oxygen of the atmosphere?

5. (*a*) What compounds are formed by the interaction of ferrous hydroxide and solution of potassium cyanide? (*b*) Explain the behaviour of the compounds formed towards sulphuric acid.

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6. (*a*) Describe fully the interaction of sodium and water; (*b*) state how the compound formed may be isolated, and (*c*) how it may be proved to contain hydrogen.

NATURAL HISTORY—ZOOLOGY.

Examiner—Prof. Richard J. Anderson, M.A., M.D.

1. Give an account of the structure and life-history of a Tapeworm. Compare the vascular, nervous, and reproductive systems with those of the medicinal Leech.

2. What is the structure of the alimentary canal in a Crayfish. Note the different regions, and compare the canal with that of a typical Insect.

3. Give an account of a typical vertebra in the various classes which possess such.

4. Write an account of the Chelonia.

5. Distinguish between the alimentary canal of a Monkey in its various regions, and that of a Carnivor (including Dog, Cat, Bear, and Seal).

BOTANY.

Examiner—Prof. Richard J. Anderson, M.A., M.D.

1. Give an account of the plant cell. Note especially its physiological relations, intra-cellular and extra-cellular.

2. Give an account of the root, including its morphology, structure, and functions.

3. Give an account of the Solanaceæ, and mention the characters and uses of some of the chief plants belonging to this order.

4. Give an account of the life-history of a Fern (Polypodium).

5. What minerals are necessary for the growth and development of flowering plants?

The following Papers were also set for this Examination:—
Natural Philosophy, see p. 310.
French or German, see pp. 302–304.

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MEDICAL SCHOLARSHIP.—THIRD YEAR.

PHYSIOLOGY.

Examiner—PROFESSOR PYE.

1. What ferments are formed by the pancreas? State what you know of their properties and of their probable function in digestion.

2. What is the evidence on which the division of nerves into motor and sensory has been made?

3. Discuss the question of the place and mode of origin of urea.

4. What is the proportion of carbonic dioxide in expired air? What is the influence, on that proportion, of muscular exertion and diet, respectively?

5. Describe the histology of the coat of a vein.

(*Further Practical Examination in Laboratory.*)

ANATOMY.

Examiner—PROFESSOR PYE.

1. Describe the lateral ventricles of the brain.

2. The duodenum: state precisely its relation to adjacent viscera.

3. The interossei and lumbricales muscles of the hand: describe their anatomy (including nerve supply) and action.

4. Describe the anatomy of the bronchial arteries.

5. Describe the fascial arrangements for binding down the tendons that pass over the ankle-joint.

(*Further Practical Examination in Dissecting Room.*)

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MATERIA MEDICA.

Examiner—Professor Colahan.

1. Give an account of the pharmacological actions of phosphorus, describe the changes which it produces in the different organs and structures of the body. In what forms and doses would you give it?

2. Enumerate the mercurial preparations for external application contained in the Pharmacopoeia, and give their uses.

3. In what different forms is 'cannabis indica' met with. What are its uses, and what untoward symptoms may it induce?

4. What is Jaborandi, and what is its active principle? Give their preparations, uses, and doses.

5. Enumerate the lozenges of the Pharmacopoeia, and describe the different bases used in preparing them.

CHEMISTRY.

Examiner—Professor Senier.

[*Give the results at which you arrive, together with full experimental proof.*]

1. A yellow powder. Identify it. [Mercuric oxide.]

2. A white crystalline powder. Search for one basic and one acidic radical. [Barium acetate.]

3. An alkaloidal salt. Identify it. [Morphine acetate.]

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MEDICAL SCHOLARSHIP—FOURTH YEAR.

PHYSIOLOGY.

Examiner—PROFESSOR PYE.

1. Describe the action of the iris, indicating how far, if at all, it can be disassociated from the action of the ciliary muscle.

2. Describe the movements of the glottis during phonation, giving the evidence for your statements.

3. What is the evidence for the existence of a respiratory nerve-centre in the medulla oblongata? Point out precisely its extent.

4. What immediate or remote effects have followed on division of the fifth (trifacial) nerve? How far have these results been confirmed by pathological cases?

5. Give an accurate description of the membrana tympani, referring at each point to the relation between its structure and function.

(*Further Practical Examination in Laboratory.*)

MATERIA MEDICA.

Examiner—PROFESSOR COLAHAN.

1. Write a prescription for flatulent dyspepsia with severe gastric pain after food, and describe the diet you would advise.

2. What drugs are generally used in malaria? Describe their mode of action.

3. Enumerate the chief hypnotics. Describe the indications for their use, and give their doses.

4. Describe the pharmacological action of digitalis on the heart and kidney, and compare its action with that of strophanthus.

5. Enumerate the drugs that act upon the liver. Describe their several uses and doses.

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MEDICINE.

Examiner—PROFESSOR LYNHAM, M.D.

1. What are the causes of chronic intestinal obstruction?

2. Mention the more common forms of cerebral tumours, also the symptoms to which such tumours give rise.

3. Describe the anatomical characters of the amyloid or lardaceous kidney. What are the symptoms commonly associated with this form of renal disease?

4. Give the symptoms, prognosis, and treatment of intestinal colic.

5. Write a short account of syringomyelia, referring chiefly to its pathology and symptoms.

SURGERY.

Examiner—PROFESSOR BRERETON.

1. Describe the process of healing by first intention and by blood clot.

2. Describe fracture of the patella and treatment.

3. What is the theory of dislocation—of the hip? How is everted dorsal accounted for?

4. What are the five symptoms of fracture?

5. What are the theories of fracture of the base of the skull?

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SENIOR SCHOLARSHIP IN ANATOMY AND PHYSIOLOGY.

ANATOMY AND PHYSIOLOGY.

Examiner—PROFESSOR PYE.

[*This examination included practical work in the Dissecting-room and Physiological Laboratory. The following written questions were put:—*

1. Describe the distribution of a typical spinal nerve, including its connection with vertebral or pre-vertebral ganglia.

2. To what lesions may homonymous hemiopsia be due? Discuss the question of the extent of the visual cortical centre in man.

3. What remains of the chorda dorsalis persist in man? Refer the appearances met with to their embryological antecedents.

4. Describe such methods of dissecting the orbit as will best display the contents of that cavity.

5. Describe such methods of dissecting as you think will best display the anatomy of the intestines.

6. Give a summary of the experimental evidence as to the influence of muscular exercise on the production or elimination of urea.

ENGINEERING SCHOLARSHIP—SECOND YEAR.

CHEMISTRY.

Examiner.—PROFESSOR SENIER.

[*Formulæ, equations, and diagrams are to be used whenever possible.*]

1. (*a*) Explain what is meant by *dissociation*; and (*b*) show how this phenomenon enters into the chemistry of *lime burning*.

2. Describe and explain the interaction of chlorine with (*a*) potassium hydroxide solution; (*b*) potassium ferrocyanide solution; (*c*) phosphorus.

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3. From 100 grams of hydrochloric acid solution containing 32 per cent. by weight of gas, (*a*) what weight of chlorine may be obtained by treatment with manganese dioxide, and (*b*) what volume would it occupy at 15° C. and 756 mm.?

4. (*a*) Describe any experiment you have seen by which ozone was prepared; (*b*) what properties characterize it? and (*c*) what experiments lead to the view that its molecules are triatomic?

5. (*a*) Give an account of the ordinary manufacturing process for illuminating gas; (*b*) what are the chief by-products, (*c*) upon what constituents does the illuminating power depend, and how are they supposed to act?

6. (*a*) What is meant by the *periodic law*, and (*b*) what have been its uses?

ENGINEERING.

Examiner—PROFESSOR TOWNSEND.

1. Given the traces of two planes, develop the angle between them, and construct the traces of a plane bisecting that angle.

2. Given two facial angles of a trihedral angle and the dihedral angle opposide one of them, find the third facial angle and the other two dihedral angles.

3. Given the projections of a sphere and of a line, construct the projections of the points of intersection of the line and sphere.

4. The base of a right hexagonal prism has one of its sides lying in the horizontal plane and making an angle of 60° with the horizontal line, its length being one inch, the axis of the prism makes an angle of 45° with the horizontal plane and its length is four inches; construct the vertical and horizontal projections of the prism.

5. Construct the perspective of the figure represented by the accompanying drawings.

6. Construct a cycloid the diameter of the generating circle being two and a-half inches, and show how to draw a tangent at any point of the curve.

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7. Sketch a doorway, and describe the characteristics of, the perpendicular style of architecture.

8. Describe the general features of Byzantine architecture, and mention three remarkable examples.

9. Sketch a plan of the Erectheum; describe the general features of the building, and mention the peculiarity of the inter-columniation.

10. The representative fraction of a map is $\frac{1}{10560}$, calculate in inches the length of a line whose square represents 20a. 3r. 6p. statute measure.

Drawings executed in the First Year.

The following Papers were also set for this Examination:—

Mathematics, see pp. 307–309.
French or German, see pp. 302–304.
Experimental Physics, see p. 310.

ENGINEERING SCHOLARSHIP—THIRD YEAR.

MATHEMATICS.

Examiner—PROFESSOR A. C. DIXON.

1. Eliminate x, y, z from the equations

$$\frac{x}{y+z} = a, \quad \frac{y}{z+x} = b, \quad \frac{z}{x+y} = c.$$

2. The tangents at BC to a circle ABC meet in T, and D is the middle point of BC. Show that AD, AT are equally inclined to AB, AC respectively.

3. Prove that triangular pyramids of the same height on equal bases have the same volume.

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4. Solve a spherical triangle in which

$$A = 71° 25', \quad B = 80° 52', \quad C = 75° 39'.$$

5. Prove that the area of the triangle formed by the orthocentre of a triangle and the centres of the inscribed and circumscribed circles is

$$2R^2 \sin \tfrac{1}{2}(B - C) \sin \tfrac{1}{2}(C - A) \sin \tfrac{1}{2}(A - B).$$

6. The vertices of a quadrilateral, in order, are the points $(a, 0)$ $(0, b)$ $(-c, 0)$ $(0, -d)$. A parallelogram is inscribed in this quadrilateral having its sides parallel to the axes of coordinates. Find the locus of the centre of this parallelogram.

7. Tangents are drawn to the parabola $y^2 = 4cx$ from different points of the ellipse

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1.$$

Show that the locus of the middle points of the chords of contact is the curve

$$b^2(y^2 - 2cx)^2 = 4a^2c^2(b^2 - y^2).$$

8. A pentagon is made up of an equilateral triangle and a rectangle. Its perimeter is given: find its proportions when its area is greatest.

9. Find the limiting value of

$$\frac{\log(3 + x^2) - \log 3}{\sin ax \sin bx}$$

when x is indefinitely diminished.

10. Find

$$\int \frac{\sqrt{(x^2 - x)}}{x - 2}\, dx \quad \text{and} \quad \int \frac{x^2 dx}{x^3 + 1}.$$

11. The area included by a hyperbola and its latus rectum revolves about the transverse axis. Find the curved surface of the solid generated.

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MATHEMATICAL PHYSICS.

Examiner—PRESIDENT ANDERSON.

1. Two sets of three forces (P, Q, R), (P', Q', R') act along the sides of a triangle ABC; find the condition that the two resultants are parallel.

2. Find the centre of gravity of the portion of the surface of a sphere between two parallel planes, and deduce the position of the centre of gravity of a solid section of a sphere.

3. Two bodies of masses m and m' are attached to the ends of an inextensible thread which passes over a smooth pulley; show that the tension of the thread is less than half the sum of the weights, unless these are equal, and find an expression for the excess.

4. A balloon ascends with constant acceleration and reaches a height of 900 feet in one minute; find the loss or gain in seconds, per hour, of a pendulum clock which it carries.

5. Define the 'coefficient of restitution.' Prove that the energy lost in the impact of two elastic spheres whose masses are m and m' is

$$\frac{1}{2}\frac{mm'}{m+m'}(1-e^2)\,U^2,$$

where U denotes their relative velocity in the direction of impact.

6. A heavy hemisphere rests with its convex surface on a rough inclined plane; find the greatest possible inclination of the plane.

7. Define the pressure of a fluid at a point. A parallelogram $ABCD$ is immersed in a heavy homogeneous liquid with one side AB in the surface; show how to divide it by horizontal straight lines into n parts on which the pressures are equal.

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8. Prove that the form of the free surface of a heavy liquid revolving in a state of steady motion about a vertical axis is a paraboloid of revolution, and find an expression for the pressure at any point.

9. Define the dispersive power of a transparent substance. Show that, if an achromatic object-glass of a telescope is composed of two lenses, their focal lengths have opposite signs, and are directly proportional to their dispersive powers.

10. Explain Flamsteed's method of obtaining the position of the first point of Aries.

CHEMISTRY.

Examiner—PROFESSOR SENIER.

[*Give the results at which you arrive, together with full experimental proof.*]

1. A yellow powder. Search for one basic and one acidic radical. (Cadmium sulphide.)

2. A white powder. Identify it. Anhydrous calcium sulphate ('Plaster of Paris').

3. A white powder. Identify it. (Lead hydroxy carbonate ('white lead.')

ENGINEERING.

Examiner—PROFESSOR TOWNSEND.

1. Describe the adjustments of the Dumpy level.

2. In the accompanying map take out the average, in statute measure, of each of the fields marked 1, 3, 4.

3. In a railway cutting the base is 30 feet, the length is 320 feet, the ratio of slopes $1\frac{1}{2}$ to 1, and MacNeill's tabular numbers (second series) are, multiple = ·8333, additive = 28·241. Calculate the contents in cubic yards, and the area of the slopes in square yards.

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4. The radius of a railway curve is ¼ of a mile, the length of the chord or arc is 1 chain, and the first odd distance is 63 links. Calculate the length of the first 3 offsets in links.

5. From the formula given by Francis for the flow of water in a rectangular notch, deduce the formula for the flow in a triangular notch in terms of Q, M, and H, where Q = the flow in cubic feet per second, M = cotangent of the angle which the sides make with the base, and H = the depth of the vertex below still water.

6. Calculate the number of gallons per minute delivered by a rusted iron pipe, the length being 6 miles, the head 20 feet, and the diameter 18 inches.

7. Sketch a figured cross-section of a double line of railway, Irish gauge, on an embankment 15 feet high, showing ballast, sleepers, rails, and fencing (stone, or ditch and mound).

8. Sketch a double-acting switch-bolt, and state its advantage over a single-locking bolt.

9. Sketch a cross and a longitudinal section of Fox and Barrett's fire-proof floor.

10. Make sketches of the following joints in carpentry:—cogged joint; tusk tenon; scarf to resist a cross strain.

Drawings executed in the Second Year.

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SENIOR SCHOLARSHIP IN ENGINEERING.

ENGINEERING.

Examiner—PROFESSOR TOWNSEND.

1. In the accompanying diagram of a roof-truss, with a span of 30 feet, the total uniform load on the longer rafter is 4·5 tons, and on the shorter rafter $1\frac{1}{2}$ tons. Calculate, by means of a stress diagram, the reactions at the points of support and the stresses in the several members, using a scale of 1 ton to the inch.

2. In the accompanying girder, 80 feet long, the permanent load is $\frac{1}{2}$ a ton per lineal foot, the rolling is 1 ton per lineal foot, and the bracing consists of 8 equilateral triangles. Calculate the maximum stress in diagonal d and bay b, both loads being on the lower flanges.

3. A beam carrying a uniform load W rests on two level points of support, and is deflected by a quantity δ, if a support be placed under the centre so as to reduce the deflection to $\frac{1}{5}\delta$, how do you find the load on the support at the centre?

4. The diameter of a wrought-iron shaft under torsional stress is 6 inches, and its length is 12 feet, the working is 900 lbs. per square inch, and the coefficient of torsional elasticity 9,000,000 lbs. per square inch. Calculate the angle in degrees and minutes through which one end of the shaft has turned relative to the other end.

5. Write a specification for Portland cement concrete to be used in the foundations of a railway bridge, and specify the tests for the cement used.

6. Describe, by sketches, the fire-box and boiler of a locomotive engine, and mention the materials used in their construction.

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7. Prove the equation for the thickness of a water-main in inches in terms of h, D, and s, where h = total head on the pipe in feet, D = diameter of pipe in feet, and s is the working load of the metal in tons per square inch.

Describe the mode of making the joints in large and moderate sized water mains.

8. If sewage be utilized for the growth of crops, what are the most suitable kinds? Describe the method of preparing land for the growth of root-crops.

9. To what depth do waves affect the rubble base of a breakwater? State the advantages and disadvantages of a superstructure in forming a breakwater.

In forming a breakwater with a superstructure founded below low-water, what method would you adopt in the following cases:—

(a) when the bottom is rock,

(b) when the bottom consists of a yielding material,

and mention examples.

10. Describe, by means of sketches, a movable weir with sliding panels, and mention the advantages which it possesses over the Needle Weir?

Drawings executed in the Third Year.

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BIOLOGICAL SOCIETY.

(Founded, 1889.)

This Society meets in the Physiological Laboratory on Friday evenings at 7.30 p.m.

President, ...	Professor Pye.
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The Athletic Union embraces the following Clubs :—

FOOTBALL CLUB.

Patron, Professor Senier. President, Professor Dixon.

RUGBY.		ASSOCIATION.	
Captain, ..	William C. Mairs.	Captain, ..	George Maxwell.
Vice-Captain,	Joseph M'Causland.	Vice-Captain,	Donald J. O'Hara.
Hon. Treasurer,	John S. M'Lachlan.	Treasurer, ..	J. S. M'Lachlan.
Hon. Secretary,	Michael J. O'Flynn.	Hon. Secretary,	John A. Moore.
Committee,	John A. Moore. Samuel M'Causland. Wm. A. Simpson.	Committee,	Joseph F. Reid. Peter Walsh.

HOCKEY CLUB.

President, ...	Professor Dixon.
Captain, ...	John. A. Moore.
Vice-Captain, ...	George Maxwell.
Hon. Secretary, ...	John S. M'Lachlan.
Hon. Treasurer, ...	Henry J. Anderson.
Committee, ...	Robert B. M'Lachlan. Joseph M'Causland. William C. Mairs.

TENNIS CLUB.

President, ...	Professor Senier.
Captain, ...	John A. Moore.
Hon. Treasurer, ...	Thomas J. Kyne.
Hon. Secretary, ...	Robert B. M'Lachlan.
Committee, ...	Joseph M'Causland. Philip P. Sandford. Francis J. Phillips.

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CYCLING CLUB.

Patron, ...	The President.
President, ...	Professor Steinberger.
Captain, ...	Williams C. Mairs.
Hon. Treasurer and Hon. Secretary, ..	Peter Walsh.

STUDENTS' READING-ROOM CLUB.

Chairman, ...	Thomas Walsh, B.A.
Hon. Treasurer, ...	William C. Mairs.
Hon. Secretary, ...	William J. Morrison.
Committee, ...	Joseph M'Causland. Joseph J. O'Neill. Dudley Forde.

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